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2: /cgn2_6/ptodats/1/ina/5_COMB.seq:*

3: /ggn2_6/ptodats/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodats/1/ina/6A_COMB.seq:*

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NUMBER OF SEQ ID NOS: 41

SOFTWARE: PATENTIN Ver. 2.0

SEQ ID NO 1

LENGTH: 1190

TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
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APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
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Best Local Similarity 100.0%;
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Sequence 230, App	Sequence 230, App	Sequence 230, App	Sequence 230, App	Sequence 16048, A	Sequence 9, Appli	Sequence 10, Appl	Sequence 33, Appl	Sequence 33, Appl		Sequence 33, Appl	Sequence 27, Appl	Sequence 3, Appli	Sequence 3, Appli	Sequence 9596, Ap	Sequence 66, Appl	Sequence 107, App	Sequence 48520, A	Sequence 14273, A	Sequence 51, Appl	Sequence 51, Appl

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Sequence 3, Application US/09715805

Patent No. 6716626

GENERAL INFORMATION:

APPLICANT: Itch, No. 6716626uyuki
APPLICANT: Itch, No. 6716626uyuki
TITLE OF INVENTION: HUMAN FGF-21 GENE AND GEI
TITLE OF INVENTION: PRODUCTS

FILE REFERENCE: PP-16758.001/201130.408

CURRENT APPLICATION NUMBER: US/09/715,805

CURRENT FILING DATE: 2000-11-16
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RESULT 3
US-09-621976-1353
; Sequence 1353, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTS and Encoded Human Pro
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT EILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
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Pred. No. 3.8e-114;
0; Mismatches 1;
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1021

673 480 613 420 553 360 493 300 433 240

961 901 901

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FEATURE:
FEATURE:
FEATURE:
NAME/KEY: CDS
NAME/KEY: B1
LOCATION: 169..423
NAME/KEY: 819_peptide
LOCATION: 169..252
OTHER INFORMATION: Von Heijne matrix
OTHER INFORMATION: score 11.3000001907349
OTHER INFORMATION: seq SVLAGLLLGACQA/HP
NAME/KEY: misc_feature
LOCATION: 207
OTHER INFORMATION: n=a, g, c or t
US-09-621-976-1353
36.5%; Score 434;
Pred. No. 2
                                                                            Sequence 3, Application US/09390207
Patent No. 6504530
GENERAL INFORMATION:
APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
ITILE OF INVENTION: Pibroblast Growth Factor-Like Pol
FILE REFERENCE: 99-371
CURRENT APPLICATION NUMBER: US/09/390,207
CURRENT FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
                                                                                                                                                                                                                                                                                   RESULT 4
US-09-390-207-3
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LENGTH: 477
TYPE: DNA
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Best Local Similarity
Matches 442; Conserv
LENGTH: 649
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: CDS
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llarity 98.0%;
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Best Local Similarity
Matches 469; Conserv
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                                              TGGGACCTTCCCAGGGCCGAAGCCCCAGCTACGCTTCCTGA
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TAGAGCCTTTACAGGGCCGAAGCCCCAGCTATGCGTCCTGA
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LENGTH: 659
; TYPE: DNA
; ORGANISM: MUB mUBCULUB
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (14)...(646)
US-09-715-805-1
                                                                                                                                                                                                               APPLICANT: Itoh, No. 6716626uyuki
APPLICANT: Kavanaugh, W. Michael
TITLE OF INVENTION: HUWAN FGF-21 GENE AND GENE EXI
TITLE OF INVENTION: PRODUCTS
FILE REFERENCE: PP-16758.001/201130.408
CURRENT APPLICATION NUMBER: US/09/715,805
CURRENT FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
Query Match
Best Local Similarity
        33.8%;
        Score 401.8; DB 3 Pred. No. 3.6e-68;
                          ω
                          Length
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US-09-715-805-1

GENERAL INFORMATION:

EXPRESSION

Sequence 1, Application US/09715805 Patent No. 6716626

Matches

```
APPLICANT: LAU, Dana
APPLICANT: Hannery, John G.
APPLICANT: Miller, Sheldon
APPLICANT: Wang, Fei
APPLICANT: Wang, Fei
APPLICANT: Di Polo, Adriana
TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
TITLE OF INVENTION: FOR TREATING OR PREVENTING DISEASES OF THE
FILE REFERENCE: PP1588.005 (20263.40)
CURRENT APPLICATION NUMBER: US/09/665,493B
CURRENT FILING DATE: 2000-09-20
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 659
TYPE: DNA
ORGANISM: Homo saplen
                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Manning, William C.,
APPLICANT: Dwarki, Varavani J.
APPLICANT: Dwarki, Katherine
APPLICANT: Rendahl, Katherine
APPLICANT: Zhou, Shang-Zhen
APPLICANT: McGee, Laura H.
APPLICANT: Lau, Dana
APPLICANT: Flannery, John G.
APPLICANT: Miller, Sheldon
APPLICANT: Miller, Sheldon
APPLICANT: Wang, Fei
APPLICANT: Wang, Fei
APPLICANT: Wang, Fei
                                                       US-09-665-493B-6
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US-09-665-493B-6
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/09665493B Patent No. 6943153
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 33.8%;
80.7%;
Pred. No. 3.6e-68;
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APPLICANT: FISCELIA et al.
TITLE OF INVENTION: 19 Human secreted proteins
FILE REFERENCE: PZ045P1
CURRENT APPLICATION NUMBER: US/09/832,129
CURRENT FILLING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: PCT/US00/28664
PRIOR FILING DATE: 2000-10-17
PRIOR FILING DATE: 1999-11-02
PRIOR APPLICATION NUMBER: 60/163,085
PRIOR FILING DATE: 1999-11-02
PRIOR FILING DATE: 1999-12-17
PRIOR FILING DATE: 1999-12-17
PRIOR FILING DATE: 1999-12-17
                                                                                                                 ; LENGTH: 1097
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-832-129-21
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US-09-832-129-21
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                                                   Query Match
Best Local Similarity
Matches 124; Conserv
                                                                                                                                                                           SOFTWARE: PatentIn Ver. SEQ ID NO 21
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 21, Application US/09832129
Patent No. 6936691
GENERAL INFORMATION:
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Conservative
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                                                Score 113.8; DB 3;
Pred. No. 7.3e-13;
0; Mismatches 17;
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APPLICANT: Davies, Katherine A.
TITLE OF INVENTION: KINI-3 MOTOR PROTEIN AND METHODS FOR
FILE REFERENCE: 020552-002400US
CURRENT APPLICATION NUMBER: US/09/967,908A
CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: US 99/675,227
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 6409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/09835811
Patent No. 6482936
GENERAL INFORMATION:
APPLICANT: HU, Song et al
TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTITILE OF INVENTION: NUCLEIC ACID MOLECULES ENVITITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CL0012228
FILE REFERENCE: CL0012228
CURRENT APPLICATION NUMBER: US/09/835,811
CURRENT FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 5
SOFTMARE: FASESEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 1696
TYPE: DNA
                                                                                                                                                                                                                                                             Sequence 1, Application US/09967908A
Patent No. 6514738
GENERAL INFORMATION:
APPLICANT: Cytokinetics, Inc.
APPLICANT: Beraud, Christopher
APPLICANT: Guo, Jun
APPLICANT: Freedman, Richard
APPLICANT: Patel, Umeeh A.
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US-09-835-811-1
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Best Local Similarity 72.6
Matches 123; Conservative
FEATURE: OTHER INFORMATION: Description of Artificial Sequence:KinI-3 sequence
                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Human
                                                          TYPE: DNA
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72.8%;
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Pred. No. 2.8e-09;
0; Mismatches 46;
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APPLICANT: Cytokinetics, Inc.
APPLICANT: Beraud, Christopher
APPLICANT: Beraud, Christopher
APPLICANT: Guo, Jun
APPLICANT: Freedman, Richard
APPLICANT: Patel, Umesh A.
APPLICANT: Davies, Katherine A.
FITLE OF INVENTION: KINI-3 MOTOR PROTEIN AND METHODS FOR
FILE REFERENCE: 020552-002400US
CURRENT APPLICATION NUMBER: US/10/159,151
CURRENT FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: US/09/967,908
PRIOR APPLICATION NUMBER: US/09/967,908
PRIOR FILING DATE: 2001-09-28
PRIOR FILING DATE: 2001-09-28
                                                                                                       RESULT 11
US-09-885-723-6
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US-10-159-151-1
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Sequence 6, Application US/09885723
Patent No. 6822142
GENERAL INFORMATION:
APPLICANT: Monsanto Company
TITLE OF INVENTION: TRANSGENIC PLANTS CONTAINING ALTERED LEVELS OF
FILE REFERENCE: MTC6783.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 09/675,227
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 1
LENGTH: 6409
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                        Matches 109;
                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 7.8%;
Best Local Similarity 80.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: KinI-3 sequence
                                                                                                                                                                              6372
                                                                                                                                                                                                                                                                                                                                         6372
                                                                                                                                                                                                                                                                                6252 АЛТАСАЛАЛАСАЛАССАБАБАБАСТБАТТТСТАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛА 6311
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                                                                                                                                                                                                                                                                                                                                                                                    Score 93.4; DB 3; Pred. No. 9.3e-09; 0; Mismatches 26;
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Pred. No. 9.3e-09;
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                                                                                                                                                                                                                                                                                                                                                                                                                       Length 6409;
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                     STEROID COMPOUNDS
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US-08-785-310A-2
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US-08-785-310A-2
                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, vc
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/785,310A
FILING DATE: 21-JAN-197
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: OSMAN, RICHARD A
REGISTRATION NUMBER: J6,627
REFERENCE/DOCKET NUMBER: UTSD:1226
TELECOMMUNICATION INFORMATION:
TELEPAX: (415) 343-4341
INFORMATION FOR SED ID NO: 2:
SECUIMMCE CHARATEPETETICE.
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; ORGANISM: Arabidopsis thaliana
US-09-885-723-6
        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/885,723
CURRENT FILING DATE: 2001-06-20
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin version 3.0
SEQ ID NO 6
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                                               MOLECULE TYPE:
                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 2082 base pairs
                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
STREET: 268 BUSH STREET, SUITE 3200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: McKnight, Steven L.
APPLICANT: Russell, David W.
TITLE OF INVENTION: Neuronal PAS Domain Protein
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH: 2038
                                                                        STRANDEDNESS:
                                                          TOPOLOGY:
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                                                                                     nucleic acid
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67.0%;
     7.78;
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                                                                                                                                                                                   UTSD: 1226
 Score 92.2;
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Length 2082;
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; TYPE: DNA; ORGANISM: Homo sapien; PEATURE; FEATURE; Misc_feature; LOCATION: (1)...(396); OTHER INFORMATION: n = A,T,C o); US-09-640-173-53
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US-09-640-173-53/c
; Sequence 53, Appli
; Patent No. 661351;
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US-09-713-550-53/c
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                                                                               Sequence 53, Application US/09713550 Patent No. 6617109 GENERAL INFORMATION:
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APPLICANT: Xu, Jiangchun
APPLICANT: Stolk, John A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
FILE REFERENCE: 210121.484C4
CURRENT APPLICATION NUMBER: US/09/713,550
CURRENT FILING DATE: 2000-11-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/640,173
CURRENT FILING DATE: 2000-08-15
NUMBER OF SEQ ID NOS: 196
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 53
LENGTH: 396
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Stolk, John A.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: OVARIAN TUMOR SEQUENCES AND TITLE OF INVENTION: METHODS OF USE THEREFOR FILE REFERENCE: 210121.484C2
                                                                                                                                                                                                                                     1122
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Conservative
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Pred. No. 1.1e-08;
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0; Mismatches 18;
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APPLICANT: XL, Jiangchun
APPLICANT: XL, Jiangchun
APPLICANT: Stolk, John A.
APPLICANT: Algate, Paul A.
APPLICANT: Fling, Steven P.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.484C5
CURRENT APPLICATION NUMBER: US/09/825,294
CURRENT FILING DATE: 2001-04-03
NUMBER OF SEQ ID NOS: 215
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 53
LENGTH: 396
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KBY: misc feature
LOCATION: (1)...(396)
OTHER INFORMATION: n = A,T,C or G
US-09-825-294-53
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US-09-825-294-53/c
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                                                                                                                                                                          Query Match
Best Local Similarity
Matches 122; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6710170
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 7.7%;
Best Local Similarity 64.6%;
Matches 122; Conservative
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 53
LENGTH: 396
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ORGANISM: Homo Bapien
PEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(396)
OTHER INFORMATION: n = A,T,C or G
1002 TCACTITITICTTTTCTTTTTCTTTTTTTTTTGAGACGGAGTCTCGCTCTGCACTCCA 1061
                                                                                 1002 TCACTITITICTTTTCTTTTCTTTTTTTTTTTTGAGACGGAGTCTCGCTCTGCACTCCA 1061
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                                                  Conservative
                                                                                                                                                                            7.7%; Score 91.4; DB 3; Length 396; 64.6%; Pred. No. 1.1e-08; tive 0; Mismatches 67; Indels
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Pred. No. 1.1e-08;
0; Mismatches 67;
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3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

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7: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

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Patent No. 6504530

GENERAL INFORMATION:

APPLICANT: Thomason, Arlen

APPLICANT: Liu, Benxian

FILE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides

FILE REFERENCE: 99-371

CURRENT APPLICATION NUMBER: US/09/390,207

CURRENT FILING DATE: 1999-09-07

NUMBER OF SEG ID NOS: 41

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1

LENGTH: 1190

ORGANISM: Homo sapiens
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LOCATION: (142)..(771)
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    GCCCAGCAGACAGAAGCCCACCTGGAGATCAGGGAGGATGGGACGGTGGGGGGGCGCTGCT
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RESULT 2
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Sequence 3, Application US/09715805
Patent No. 6716626
GENERAL INFORMATION:
APPLICANT: Itch, No. 6716626uyuki
APPLICANT: Kavanaugh, W. Michael
TITLE OF INVENTION: HUMAN FGF-21 GENE AND GEN
FILE REFERENCE: PP-16758.001/201130.408
CURRENT APPLICATION NUMBER: US/09/715,805
CURRENT FILING DATE: 2000-11-16
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Sequence 1353, Application US/09621976
Patent No. 6639063
GENUERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
TITLE OF INVENTION: EST'S and Encoded Human Proceedings of the Reference: GENSET, 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
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540 673 480 613 420 553 360 493 300 433 240

961 961

901 901 841 841 781 781 721 721 661 661 109 109 541 541 481 481 421 421 361

ORGANISM: Homo sapiens

TYPE: DNA

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; NAME/KEY: unsure
; LOCATION: (1)..(612)
; OTHER INFORMATION: unsure at all n locations
US-09-902-540-1357
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NAME/KEY: CDS
LOCATION: 169..423
LOCATION: 169..423
NAME/KEY: 819_Deptide
LOCATION: 169..252
OTHER INFORMATION: Von Heijne matrix
OTHER INFORMATION: 8core 11.3000001907349
OTHER INFORMATION: 8eq SVLAGLLLGACQA/HP
                                                                                                                                                                                                                                                                                                                                               APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Cregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
APPLICANTON UNMBER: US/09/902,540
CURRENT APPLICATION UNMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION UNMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 1357
LENGTH: 612
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Best Local
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Myxococcus xanthus
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LOCATION: 207
OTHER INFORMATION: n=a,
                                                                                                                                                                    Local
                                   1185 AAAAAA 1190
                                                                                               154;
130 AAAAAA 135
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66; Conserv
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                                                                           ACTGGAATCTGGCACCAATTCTAAACCASTCAGCTTCTCCGAGCTCACACCCCGGAGATC 147
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                                                                                                                                                 5.5%; Score 66; DB 3; Locality 100.0%; Pred. No. 7.3e-16; Conservative 0; Mismatches 0;
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99.4%;
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Pred. No. 3.1e-30;
                                                                                                                                                                                    Length 612;
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RESULT 6
US-10-003-392-3
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PCT-US95-06406A-21
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GENERAL INFORMATION:
APPLICANT: Janet D. Robishaw, Charles Kunsch
TITLE OF INVENTION: cDNA Clones Encoding Hum.
TITLE OF INVENTION: Subunits
                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                            Sequence 3, Application US/10003392 Patent No. 6791015
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                                                 APPLICANT: Allen, Stephen M.
APPLICANT: Caimi, Perry G.
APPLICANT: Stoop, Johan M.
TITLE OF INVENTION: Fructan Biosynthetic Enzymes
FILE REFERENCE: BB1463 US NA
CURRENT APPLICATION NUMBER: US/10/003,392
CURRENT FILING DATE: 2001-10-30
PRIOR APPLICATION NUMBER: 60/244,273
PRIOR FILING DATE: 2000-10-10
PRIOR APPLICATION NUMBER: 60/269,543
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTI
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APPLICATION NUMBER:
FILING DATE:
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CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: Nucleic Acid
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OPERATING SYSTEM:
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APPLICANT: Zhang, Zemin

ITITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

ITITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

ITITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

ITITLE REFERENCE: P2730P1C53

CURRENT APPLICATION NUMBER: U5/09/991,181

CURRENT FILING DATE: 2001-11-16

PRIOR APPLICATION NUMBER: 60/04978

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR PILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/06518

PRIOR APPLICATION NUMBER: 60/06531

PRIOR APPLICATION NUMBER: 60/066770

PRIOR APPLICATION NUMBER: 60/066770

PRIOR PILING DATE: 1997-11-24

PRIOR APPLICATION NUMBER: 60/075945

PRIOR APPLICATION NUMBER: 60/075945

PRIOR APPLICATION NUMBER: 60/075910

PRIOR APPLICATION NUMBER: 60/075910

PRIOR APPLICATION NUMBER: 60/075910

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US-09-991-181-178
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; TYPE: DNA
; ORGANISM: Parthenium argentatum Grey
US-10-003-392-3
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SEQ ID NO 3
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APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
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FILING DATE: 1998-03-20
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                               APPLICATION NUMBER: 60/084600
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Williams, P. Mickey
Wood, William I.
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Gerritsen, Mary E.
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Grimaldi,J.Christopher
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art, Timothy A.
NUMBER: 60/087106
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tive 0; Mismatches
                                                                     60/083322
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FILING DATE: 1998-06-1 APPLICATION NUMBER:

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APPLICATION NUMBER: 60/089948

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CURRENT FILING DATE: 2001-11-14
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PRIOR FILING DATE: 1997-11-13
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PRIOR FILING DATE: 1998-03-20
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C19
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Williams, P. Mickey
Wood, William I.
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Gerritsen, Mary E
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Ferrara, Napoleone
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Stewart, Timothy A.
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C27
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APPLICANT: Baker,Kevin P.
APPLICANT: Botstein,David
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Kljavin, Ivar J.
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OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091626
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APPLICATION NUMBER: 60/091544
FILING DATE: 1998-07-01
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APPLICATION NUMBER: 60/090445
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FILING DATE: 1998-06-22
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Query Match Best Local S Matches 66 . Similarity 100. 66; Conservative 5.5%; 5-100.0%; Pre Score 66; DB 3; Le Pred. No. 6.1e-16; 0; Mismatches 0; Length 2773; Indels 0 Gaps

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APPLICANT: Benjanin, Stephane
APPLICANT: Tanaka, Hiroaki
TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF
FILE REFERENCE: 91.US6.DIV
CURRENT APPLICATION NUMBER: US/10/000,489
PRIOR APPLICATION NUMBER: US 09/924,340
PRIOR FILING DATE: 2001-08-06
PRIOR FILING DATE: 2001-08-06
PRIOR FILING DATE: 2001-08-06
PRIOR APPLICATION NUMBER: US 60/305,456
PRIOR APPLICATION NUMBER: US 60/305,456
PRIOR APPLICATION NUMBER: US 60/302,277
PRIOR APPLICATION NUMBER: US 60/302,277
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PRIOR APPLICATION NUMBER: US 60/299,698
PRIOR APPLICATION NUMBER: US 60/299,698
PRIOR APPLICATION NUMBER: US 60/299,594
PRIOR APPLICATION NUMBER: US 60/299,594
PRIOR APPLICATION DATE: 2001-05-15
PRIOR APPLICATION DATE: 2001-05-25
PRIOR APPLICATION DATE: 2001-05-25
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APPLICANT: Wohlgemuth, Jay

APPLICANT: Fry, Kirk

APPLICANT: Woodward, Robert

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE

FILE REFERENCE: 50661200120

CURRENT APPLICATION NUMBER: US/10/131,827

FILER APPLICATION NUMBER: US 10/006,290

PRIOR APPLICATION NUMBER: US 10/006,290

PRIOR APPLICATION NUMBER: US 60/296,764

PRIOR FILING DATE: 2001-10-22

PRIOR FILING DATE: 2001-06-08

NUMBER OF SEQ ID NOS: 9090

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SEQ ID NOS: 9090

LENGTH: 450

TYPE: DNA
                                                           NUMBER OF SEQ ID NOS: 112
SOFTWARE: JPatent
SEQ ID NO 81
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Sequence 7, Application US/09799875

Patent No. 6638721

Patent No. 6638721
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; NAME/KEY: CDS
; LOCATION: (49)..(1122)
US-09-909-474D-1
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APPLICANT: BOYLER, Alex
APPLICANT: BOWERS, Alex
TITLE OF INVENTION: NO. 6881542el Serine Thre-
FILE REFERENCE: 0101.7/36524A
CURRENT APPLICATION NUMBER: US/09/909,474D
CURRENT APPLICATION NUMBER: US 60/219,474D
PRIOR APPLICATION NUMBER: US 60/219,204
PRIOR APPLICATION NUMBER: US 60/219,204
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
VAUNBER OF SEQ 1D NOS: 15
COCEMBADE: DESCRIPTION OF SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SER
GENERAL INFORMATION:
APPLICANT: Meyers, Rachel
APPLICANT: Kapeller-Libermann, Rosana
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Best Local Similarity 100.
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Matches 64;
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TYPE: DNA
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LOCATION: 27..689
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100.0%; Pred. No. 3.6e-15;
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100.0%; Pred. No. 3.8e-15;
tive 0; Mismatches 0;
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US-09-205-258-68
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US-09-799-875-7
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CURRENT APPLICATION NUMBER: US/09/799,875

CURRENT FILING DATE: 2001-03-06

PRIOR APPLICATION NUMBER: 60/182,059

PRIOR FILING DATE: 2000-02-11

PRIOR APPLICATION NUMBER: 09/659,287

PRIOR FILING DATE: 2000-09-12

PRIOR FILING DATE: 2000-09-12

PRIOR FILING DATE: 32

NUMBER OF SEQ ID NOS: 32

SOFTWARE: FABLSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 68, Applica Patent No. 6525174 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 5.4%; Score 64; DB 3; Land Best Local Similarity 100.0%; Pred. No. 3.5e-15; Matches 64; Conservative 0; Mismatches 0;
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CURRENT APPLICATION NUMBER: US/09/205,258
CURRENT FILING DATE: 1998-12-04
EARLIER APPLICATION NUMBER: PCT/US98/11422
EARLIER FILING DATE: 1998-06-04
EARLIER APPLICATION NUMBER: 60/048,885
EARLIER FILING DATE: 1997-06-06
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EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,881
EARLIER FILING DATE: 1997-06-06
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TITLE OF INVENTION:
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TITLE OF INVENTION: No. 6638
TITLE OF INVENTION: Therefor
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TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
                                                             ER APPLICATION NUMBER: 60/049,020
ER FILING DATE: 1997-06-06
ER APPLICATION NUMBER: 60/048,876
ER FILING DATE: 1997-06-06
ER APPLICATION NUMBER: 60/048,895
ER FILING DATE: 1997-06-06
ER APPLICATION NUMBER: 60/048,894
ER FILING DATE: 1997-06-06
ER APPLICATION NUMBER: 60/048,894
ER FILING DATE: 1997-06-06
ER APPLICATION NUMBER: 60/048,991
ER FILING DATE: 1997-06-06
ER APPLICATION NUMBER: 60/048,971
ER PILING DATE: 1997-06-06
ER APPLICATION NUMBER: 60/048,964
ER APPLICATION NUMBER: 60/048,964
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APPLICATION NUMBER: 60/048,882
FILING DATE: 1997-06-06
APPLICATION NUMBER: 60/048,899
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SOFTWARE: Patentl
SEQ ID NO 68
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Best Local Similarity
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TYPE: DNA
ORGANISM: Homo sapiens
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APPLICATION NUMBER: 60/092,921
FILING DATE: 1998-07-15
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APPLICATION NUMBER: 60/070,923
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APPLICATION NUMBER: 60/
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FILING DATE: 1997-06-06
APPLICATION NUMBER: 60/048,949
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FILING DATE: 1997-06-06
APPLICATION NUMBER: 60/048,875
FILING DATE: 1997-06-06
APPLICATION NUMBER: 60/049,374
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APPLICATION NUMBER: 60/048,901
FILING DATE: 1997-06-06
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FILING DATE: 1997-06-06
APPLICATION NUMBER: 60/048,900
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APPLICATION NUMBER: 60/048,877
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APPLICATION NUMBER: 60/048,962
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AAAA 2482
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ID NOS: 1227
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100.0%; Pred. No. 3.5e-15;
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-DB=ISSUED PATENTE NA -QFMT=fastap_SUPFIX=p2n.rni -MINMATCH=0.1 -LOOPCL=0
-DB=ISSUED PATENTE NA -QFMT=fastap_SUPFIX=p2n.rni -MINMATCH=0.1 -LOOPCL=0
-LOOPEXT=0 -UNITS=bits -STRAT=1 -END=-1 -MATRIX=blosum62 -TRANS-human40.cdi
-LIST=45 -DOCALLIGN=200 -THR_SCORE=pct -THR_MAX=100 -THR_MIN=0 -ALIGN=15
-MODE=LOCAL -OUTFMT=pto -NORM=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=200000000
-USER=US09391861_@CGN 1 1_237 @runat 23112005 114144 21766 -NCPU=6 -ICPU=3
-NO_MMAP -LARGEQÜERY -NEG_SCORES=0 -WAIT -DSPBLOCK=100 -LONGLOG
-DEV_TIMEOUT=120 -MARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7
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-MODEL=frame+_p2n.model -DEV=xlh
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1: /cgn2_6/ptcdata/1/ina/1_COMB.seq:*

2: /cgn2_6/ptcdata/1/ina/5_COMB.seq:*

3: /cgn2_6/ptcdata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptcdata/1/ina/H_COMB.seq:*

5: /cgn2_6/ptcdata/1/ina/H_COMB.seq:*

6: /cgn2_6/ptcdata/1/ina/P_COMB.seq:*

7: /cgn2_6/ptcdata/1/ina/P_COMB.seq:*

8: /cgn2_6/ptcdata/1/ina/RE_COMB.seq:*

9: /cgn2_6/ptcdata/1/ina/RE_COMB.seq:*
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Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-30-207-3
US-09-655-493B-6
US-09-621-976-1353
US-09-949-016-2335
US-09-997-794A-58
US-09-905-125A-58
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Sequence 1, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 1, Appli
Sequence 6, Appli
Sequence 1353, Ap
Sequence 2335, Ap
Sequence 2335, Appli
Sequence 58, Appli
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quence 4, quence 9,	equence 5,	equence 2,	equence 5,	equence 5,	equence 2,	equence 21	equence 110	equence 25:	equence 11,	equence 5,	equence 11,	tent No. 5	equence 17:	equence 21	equence 25,	equence 510	equence 51	equence 51	equence 51	equence 440	equence 440	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58	equence 58

ALIGNMENTS

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NESULT 1
US-09-390-207-1
US-09-390-207-1
; Sequence 1, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
    APPLICANT: Thomason, Arlen
    APPLICANT: Liu, Benxian
    TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
    TITLE OF INVENTION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; CURRENT FILING DATE: 1999-09-07
; CURRENT FILING DATE: 1999-09-07
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
SEQ ID NO 1
SOFTWARE: Patentin Ver. 2.0

JENGTH: 1190
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
; LOCATION: (142)...(771)
US-09-390-207-1

Alignment Scores:
    B.7e-81
    Percent Similarity: 1100.00%
    Gonservative: 0
Best Local Similarity: 100.00%
    Gaps: 0

DB: 100-201-201-1 (1-1100)

DB: 100-201-201-1 (1-1100)

DB: 100-201-201-1 (1-1100)

DB: 100-201-201-1 (1-1100)
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1 MetAspSerAspGluThrGlyPheGluHisSerGlyLeuTrpValSerValLeuAlaGly 20

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Sequence 3. Application US/09715805

Patent No. 6716626

GENERAL INFORMATION:

APPLICANT: Itch, No. 6716626uyuki
APPLICANT: Kavanaugh, W. Michael

ITITLE OF INVENTION: HUMAN PGF-21 GENE AND GENE EXPRESSION

ITITLE OF INVENTION: PRODUCTS

CURRENT APPLICATION NUMBER: US/09/715,805

CURRENT APPLICATION NUMBER: US/09/715,805

CURRENT FILING DATE: 2000-11-16

NUMBER OF SEQ ID NOS: 17

SOFTWARE: FastSEQ for Windows Version 4.0

1. ENGRED: 2000 3
                                     Percent Similarity:
Best Local Similarity:
Query Match:
DB:
                                                                                                                                                                                                             Pred. No.:
                                                                                                                                                                                                                                       Alignment Scores:
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ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (9)...(638)
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APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
CURRENT APPLICATION NUMBER: US/09/390,207
CURRENT FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
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Sequence 1, Application US/09715805
Patent No. 6716626
GENERAL INFORMATION:
APPLICANT: Itch, No. 6716626uyuki
APPLICANT: Itch, No. 6716626uyuki
APPLICANT: Kavanaugh, W. Michael
TITLE OF INVENTION: PRODUCTS
PILE REFERENCE: PP-16758.001/201130.408
CURRENT APPLICATION NUMBER: US/09/715,805
CURRENT FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                   US-09-715-805-1
                                                                                              TYPE: DNA
ORCANISM: MUB musculus
FEATURE:
NAME/KEY: CDS
LOCATION: (14)...(646)
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APPLICANT: Lau, Dana
APPLICANT: Flannery, John G.
APPLICANT: Miller, Sheldon
APPLICANT: Miller, Sheldon
APPLICANT: Miller, Sheldon
APPLICANT: Miller, Sheldon
APPLICANT: Di Polo, Adriana
APPLICANT: Di Polo, Adriana
ITILE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
ITILE OF INVENTION: FOR TREATING OR PREVENTING DISEASES OF THE
FILE REFERENCE: PP1588.005 (20263.40)
CURRENT APPLICATION NUMBER: US/09/665,493B
CURRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FASTSEQ FOR Windows Version 4.0
SEQ ID NO 6
LENGTH: 659
TYPE: DNA
ORGANISM: Homo sapien
US-09-665-493B-6
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US-09-665-493B-6
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Dwarki, Varavani J.
APPLICANT: Rendahl, Katherine
APPLICANT: Zhou, Shang-Zhen
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RESUIT 6
US-09-621-976-1353
Sequence 1353, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proceedings of the Current Application of the Current Application NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
CURRENT EST IN ODERS: 19335
SEQ ID NO 1353
LENGTH: 477
TYPE: DNA
ORGANISM: Homo Sapiens
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Sequence 2335, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASS.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF CURRENT APPLICATION NUMBER: US/09/949,016

PRIOR REFERENCE: CLOO1307

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/247,766

PRIOR APPLICATION NUMBER: 60/237,766

PRIOR APPLICATION NUMBER: 60/231,498

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

TYPDE: NAM.
                                                                                                                                                                                                                                                                                                i LENGTH: 651
i TYPE: DNA
i ORGANISM: Human
US-09-949-016-2335
                                          Percent Similarity:
Best Local Similarity:
                                                                                                                                             Score:
                                                                                                                                                                          Alignment Scores: Pred. No.:
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COTHER INFORMATION: Von Heljne matrix
OTHER INFORMATION: Score 11.3000001907349
OTHER INFORMATION: Seq SVLAGLLLGACQA/HP
NAME/KEY: misc_feature
LOCATION: 207
COTHER INFORMATION: n=a, 9, c or t
US-09-621-976-1353
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Query Match:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        229 ciricitácitágáságocitácicságácsácsácicos receitás en contratorios contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contratorios de contrato
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RESULT 8
US-09-907-794A-58
; Sequence 58, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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                                   APPLICANT:
                    APPLICANT
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           Fong, Sherman
Gao, Wei-Qlang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, A.
Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
                                                                                                                                                                                                               Desnoyers, Luc
Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT FILING DATE: 2001-07-17
                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 2137
TYPE: DNA
ORGANISM: Homo sapiens
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OR FILING DATE: 1999-07-07
OR APPLICATION NUMBER: US 60/145,698
OR FILING DATE: 1999-07-26
OR APPLICATION NUMBER: US 60/146,222
OR FILING DATE: 1999-07-28
OR APPLICATION NUMBER: PCT/US99/20594
OR FILING DATE: 1999-09-08
OR APPLICATION NUMBER: PCT/US99/20944
OR FILING DATE: 1999-09-13
OR APPLICATION NUMBER: PCT/US99/21090
OR APPLICATION NUMBER: PCT/US99/21090
OR APPLICATION NUMBER: PCT/US99/21090
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OR FILING DATE: 1999-10-05
OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR APPLICATION NUMBER: PCT/US99/28564
OR APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT
FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
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CTGTACACCTCCGGCCCCCACGGCTCTCCAGCTGCTTCCTGCGCATCCGTGCCGACGGC
                              LeuTyrThrAspAspAlaGln---GlnThrGluAlaHisLeuGluIleArgGluAspGly
                                                                     TTCTCGGACGCGGGGCCCCACGTGCACTACGGCTGGGGGCGACCCCATCCGCCTGCGGCAC
                                                                                                      IleProAspSerSerProLeuLeuGlnPhe-----GlyGlyGlnValArgGlnArgTyr 48
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Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
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Matches:
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APPLICANT: Goddard, A.

APPLICANT: Goddard, Christopher J.

APPLICANT: Goddwski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Hillan, Kenneth, J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Pan, James

APPLICANT: Pan, James

APPLICANT: Stewart, Timothy A.

APPLICANT: Stewart, Timothy A.

APPLICANT: Wood, Williams, Daniel

APPLICANT: Wood, Williams, I.

ITILE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic PILL PREPERRICE: 10466-14
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PRIOR FILING DATE: 1999-12-16
PRIOR PILING DATE: 1999-12-16
PRIOR PILING DATE: 1999-12-20
PRIOR PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR PILING DATE: 1999-09-18
PRIOR PILING DATE: 1999-09-15
PRIOR PILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR PILING DATE: 1999-09-15
PRIOR PILING DATE: 1999-09-15
PRIOR PILING DATE: 1999-09-15
PRIOR PILING DATE: 1999-10-05
PRIOR PILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR PILING DATE: 1999-11-30
PRIOR PILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/28565
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TYPE: DNA
ORGANISM: Homo
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                                    LeuGluAspGlyTyrAsnValTyrGlnSerGluAlaHisGlyLeuProLeuHisLeuPro 147
CGCCCAGATGGCTACAATGTGTACCGATCCGAGAAAGCACCGCCTCCCGGGTCTCCCCTGAGC 901
                                                                                                         GGCAAGATGCAGGGGCTGCTTCAGTACTCGGAGGAAGACTGTGCTTTCGAGGAGGAGATC
                                                                                                                                                GlyAlaLeuTyrGlySerLeuHisPheAspProGluAlaCysSerPheArgGluLeuLeu 127
                                                                                                                                                                                                                CTGCGGACCGTGGCCÁŤĆAAGĠĠĊĠŤĠCACAGCGTGĊĠĠTACĊŤĊŤĠĊATGGGCGCCĠÁĊ 781
                                                                                                                                                                                                                                                                   ProGlyValIleGlnIleLeuglYValLysThrSerArgPheLeuGYsGlnArgProAsp 107
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Application US/09905125A

APPLICANT: APPLICANT: APPLICANT: APPLICANT:

Gerritsen, Mary E. Goddard, A.

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FILE REFERENCE: 1046-14

CURRENT APPLICATION NUMBER: US/09/905,125A

CURRENT ETLING DATE: 2001-07-12

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR FILING DATE: 1999-07-07

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RESULT 10
US-09-902-775A-58
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                                                                                           PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR PILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-09-09
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR PILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR PILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/21547
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PRIOR APPLICATION NUMBER: PCT/US99/21547
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APPLICANT: Genentech,
APPLICANT: Ashkenazi,
APPLICANT: Botstein,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 10466-14
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R APPLICATION IN FILING DATE:
R APPLICATION I
                                                         APPLICATION NUMBER: PCT/US99/23089 FILING DATE: 1999-10-05
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Hillan, Kenneth, J.
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Gerritsen, Mary E.
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Ashkenazi, Avi
Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Roy, Margaret Ann
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Eaton, Dan L.
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Gao, Wei-Qiang
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                   NUMBER: PCT/US99/28214
: 1999-11-29
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PCT/US99/28313
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity:
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LENGTH: 2137
TYPE: DNA
ORGANISM: Homo sapiens
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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OR APPLICATION NUMBER: PCT/US99/28565
OR PILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/30095
OR FILING DATE: 1999-12-16
OR APPLICATION NUMBER: PCT/US99/30911
OR APPLICATION NUMBER: PCT/US99/30999
OR APPLICATION NUMBER: PCT/US99/30999
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APPLICATION NUMBER: PCT/US99/28564
1070
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11 SerGlyLeuTrpValSerValLeuAlaGlyLeuLeuLeuGlyAlaCysGlnAlaHisPro
                                                                                                                                                                                                                                                                        GlyAsnLysSerProHisArgAspProAlaProArgGlyProAlaArgPheLeuPro---
                                                                                                                                                                                                                                                                                                                             CGCCCAGATGGCTACAATGTGTACCGATCCGAGAAGCACCGCCTCCCGGTCTCCCTGAGC 901
                                                                                                                                                                                                                                                                                                                                                       LeuGluAspGlyTyrAsnValTyrGlnSerGluAlaHisGlyLeuProLeuHisLeuPro
                                                                                                                                                                                                                                                                                                                                                                                                                                              GlyAlaLeuTyrGlySerLeuHisPheAspProGluAlaCysSerPheArgGluLeuLeu 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CTGCGGACCGTGGCATCAAGGGCGTGCACAGCGTGCGTACCTCTGCATGGGCGCCGAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GTCGTGGACTGCGCGCGGGGCCAGAGCGCGCACAGTTTGCTGGAGATCAAGGCAGTCGCT
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                                    Val---GlyProSerGlnGlyArgSerProSerTyr
                                                                                                                                                                                                                                                                                                                                                                                                            GGCAAGATGCAGGGGCTGCTTCAGTACTCGGAGGAAGACTGTGCTTTCGAGGAGGAGATC
GTCACCGGACTGGAGGCCGTGAGGAGTCCCAGCTTT 1105
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                                                                                                                                                             TCTCATTTCCTGCCCATGCTGCCCATGGTCCCAGAGGAGCCTGAGGACCTCAGGGGCCAC
                                                                                                                                                                                                                                              AGTGCCAAACAG---CGGCAGCTGTACAAGAACAGAGGC----TTTCTTCCACTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ProGlyValIleGlnIleLeuGlyValLysThrSerArgPheLeuCysGlnArgProAsp
                                                                              TTGGAATCTGACATGTTCTCTTCGCCCCCTGGAGACCGACAGCATGGACCCATTTGGGCTT
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                                                                                                                     -----LeuAlaProGlnProProAspValGlySerSerAspProLeuSerMet 196
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49.53%
36.79%
24.46%
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Matches:
Conservative:
Mismatches:
Indels:
Gaps:
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1009

180

949

147 841 107

721

661 67 601 541 30

RESULT 11 US-09-906-700-58

Sequence

APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT:

Wei-Qiang

Sherman Dan L. Napoleone f, Ellen

APPLICANT: APPLICANT: APPLICANT:

Gerber, Hanspeter Gerritsen, Mary E. Goddard, A. Godowski, Paul J. Grimaldi, Christopher J

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Sequence 58, Application US/09906700 Patent No. 6723535 GENERAL INFORMATION:

APPLICANT: Genentech, Inc. APPLICANT: Ashkenazi, Avi

Ashkenazi, Avi Botstein, David Desnoyers, Luc

APPLICANT:

Paoni,

Nicholas F.

Kljavin, Ivar J. Mather, Jennie P. Gurney, Austin L. Hillan, Kenneth, J. Kljavin, Ivar J.

APPLICANT: APPLICANT

Stewart,

Margaret Ann art, Timothy A.

Daniel

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CURRENT APPLICATION NUMBER: US/09/906,700
PRIOR APPLICATION NUMBER: US/09/906,700
PRIOR APPLICATION NUMBER: US/09/906,700
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-28
PRIOR PRIOR PRILICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-09-18
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-19
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-01-0-05
PRIOR PRILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/30095
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PRIOR APPLICATION NUMBER: PCT/US9/309990
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PRIOR APPLICATION NUMBER: PCT/U
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
                                                                                                                                                                                                                                                                                       RESULT 12
US-09-903-603A-58
                                                                                                                                                                                                                                                                                                                                                                   В
                      APPLICANT: Generatech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Botstein, David
APPLICANT: Besnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
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GENERAL INFORMATION:
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; ORGANISM: Homo sapiens
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              Fong, Sherman
Gao, Wei-Qiang
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                                                                                                                                                                                                         PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 58
LENGTH: 2137
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CURRENT APPLICATION NUMBER: US/09/903,603A
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo
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OR FILING DATE: 1999-07-26
OR APPLICATION NUMBER: US 60/146,222
OR APPLICATION NUMBER: US 60/146,222
OR FILING DATE: 1999-07-28
OR APPLICATION NUMBER: PCT/US99/20594
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APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
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APPLICATION NUMBER: PCT/US99/30999
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                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US99/28313
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APPLICATION NUMBER: PCT/US99/28214
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Williams, P. P. Wood, William,
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher
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Botstein, David
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                                    Stewart, Timo
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Sequence 58, Application US/09904920A
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Sequence 58, Application US/09904920A
Sequence 58, Application US/09904920A
Sequence 58, Application US/09904920A
Septicant Notation Ashkenazi, Avi
APPLICANT Botstein, David
APPLICANT Botstein, David
APPLICANT Ferrara, Napoleone
APPLICANT Ferrara, Napoleone
APPLICANT Geritsen, Mary E.
APPLICANT Geritsen, Mary E.
APPLICANT Godowski, Paul J.
APPLICANT Godowski, Paul J.
APPLICANT Gurney, Austin L.
APPLICANT Gurney, Austin L.
APPLICANT Hillan, Kenneth, J.
APPLICANT Mather, Jennie P.
APPLICANT Mather, Jennie P.
APPLICANT Pan, James
APPLICANT Ferrara Ann
APPLICANT Stewart, Timothy A.
APPLICANT Stewart, Timothy A.
APPLICANT Williams, P. Mickey
APPLICANT Williams, P. Mickey
APPLICANT Williams, P. Mickey
APPLICANT Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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662 GTCGTGGACTGCGCGCGGGCCAGAGCGCGCACAGTTTGCTGGAGAGTCAAGGCAGTCGCT 721
                               88 ProGlyValIleGlnIleLeuGlyValLysThrSerArgPheLeuCysGlnArgProAsp
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                                                                                                                  68 ThrValGlyGlyAlaAlaAspGlnSerProGluSerLeuLeuGlnLeuLysAlaLeuLys 87
                                                                                                                                                                                                                                                        31 IleProAspSerSerProLeuLeuGlnPhe-----GlYGlYGlnValArYGlnArYTyr 48
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APPLICANT: Wood, William, I.
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic CURRENT APPLICATION NUMBER: US/09/909,064
CURRENT APPLICATION NUMBER: US/09/909,064
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2001-07-18
PRIOR FILING DATE: 2000-02-2
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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No. 6818449
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Roy, Margaret Ann
Stewart, Timothy A.
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Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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Mather, Jennie p.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Gerritsen, Mary E
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US-09-391-861-2 (1-209) x US-09-904-920A-58 (1-2137)

503

Percent Similarity:
Best Local Similarity:
Query Match:

7.94e-13 273.00 49.53% 36.79% 24.46%

Length:
Matches:
Conservative:
Mismatches:
Indels:

Score:

Alignment Scores: US-09-904-920A-58

No.:

NUMBER OF SEQ ID NOS: 423 SEQ ID NO 58 LENGTH: 2137

TYPE: DNA ORGANISM: Homo sapiens

PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05

APPLICATION NUMBER: PCT/US99/30095 FILING DATE: 1999-12-16 APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-09-15
PRIOR PRIOR PRIOR TO NUMBER: PCT/US99/21547
PRIOR PRIOR PRIOR DATE: 1999-09-16
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR PRIOR DATE: 1999-11-20
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/28565
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PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILLING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILLING DATE: 1999-07-07-08
PRIOR PELLING DATE: 1999-07-26
PRIOR FILLING DATE: 1999-07-26
PRIOR FILLING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 70/1899/20594
PRIOR FILING DATE: 1999-09-08
PRIOR PILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09

CURRENT APPLICATION NUMBER: US/09/904,920A
CURRENT FILING DATE: 2001-07-13

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; ORGANISM: Homo
US-09-909-064-58
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 58
LENGTH: 2137
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FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
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                                                                                                                                                               LeuGluAspGlyTyrAsnValTyrGlnSerGluAlaHisGlyLeuProLeuHisLeuPro 147
                                                                                                                                                                                                                                                                              CTGCGGACCGTGGCCATCAAGGGCGTGCACAGCGTGCGGTACCTCTGCATGGGCGCCGAC 781
                                                                                                                                                                                                                                                                                                              ProGlyValIleGlnIleLeuGlyValLysThrSerArgPheLeuCysGlnArgProAsp 107
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SerGlyLeuTrpValSerValLeuAlaGlyLeuLeuLeuGlyAlaCysGlnAlaHisPro
                                                         AGTGCCAAACAG----CGGCAGCTGTACAAGAACAGAGGC
                                                                                         GlyAsnLysSerProHisArgAspProAlaProArgGlyProAlaArgPheLeuPro---
                                                                                                                               CGCCCAGATGGCTACAATGTGTACCGATCCGAGAAGCACCGCCTCCCCGGTCTCCCTGAGC
                                                                                                                                                                                                     GGCAAGATGCAGGGGCTGCTTCAGTACTCGGAGGAGACTGTGCTTTCGAGGAGGAGATC
                                                                                                                                                                                                                                                                                                                                                                                                                                                           LeuTyrThrAspAspAlaGln---GlnThrGluAlaHisLeuGluIleArgGluAspGly
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Matches:
Conservative:
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CURRENT APPLICATION NUMBER: US/09/905,381A
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR FILING DATE: 1999-09-13
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                                                                                                                                                                                                                                                                                            PRIOR PRIOR
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Genentech,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 10466-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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(CR APPLICATION NUMBER: US 60/143,048

(CR FILING DATE: 1999-07-07

(CR FILING DATE: 1999-07-26

(CR FILING DATE: 1999-07-26

(CR APPLICATION NUMBER: US 60/145,698

(CR APPLICATION NUMBER: US 60/146,222

(CR APPLICATION NUMBER: PCT/US99/20594

(CR APPLICATION NUMBER: PCT/US99/2094

(CR APPLICATION NUMBER: PCT/US99/2094

(CR APPLICATION NUMBER: PCT/US99/2094

(CR APPLICATION NUMBER: PCT/US99/2094

(CR FILING DATE: 1999-09-13
                                                                                  APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15
                                       FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                      FILING DATE: 1999-11-29
                                                                                                                                                                                                                                                 FILING DATE: 1999-09-15
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/21547
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher
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Botstein, David
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art, Timothy A
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Ef, Ellen
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Avi
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PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILLING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILLING DATE: 1999-12-20
PRIOR FILLING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 58
LENGTH: 2137
TYPE: DNA
ORGANISM: Homo sapiens
US-09-905-381A-58
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Best Local Similarity:
Query Match:
DB:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Alignment Scores:
Pred. No.:
Score:
                                                   1010 TTGGAATCTGACATGTTCTCTTCGCCCCTGGAGACCGACAGCATGGACCCATTTGGGCTT
          1070
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                                                                                                                                                                                                                                                                                                     782
                                                                                                                                                                                                                                                                                                              108 GlyAlaLeuTyrGlySerLeuHisPheAspProGluAlaCysSerPheArgGluLeuLeu 127
                                                                                                                                                                                                                                                                                                                                            722 CTGCGGACCGTGGCCATCAAGGGCGTGCACAGCGTGCGGTACCTCTGCATGGGCGCCGAC 781
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             602
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    503 GCCGGCCTCTGGCTGGCCGTG---GCCGGGCGCCCCCTCGCC------
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11 SerGlyLeuTrpValSerValLeuAlaGlyLeuLeuLeuGlyAlaCysGlnAlaHisPro 30
                       Val---GlyProSerGlnGlyArgSerProSerTyr 207
------LeuAlaProGlnProProAspValGlySerSerAspProLeuSerMet 196
                                                                                                           TCTCATTTCCTGCCCATGCTGCCCATGGTCCCAGAGGAGCCTGAGGGACCTCAGGGGCCAC 1005
                                                                                                                                   ------LeuProGlyLeuProProAlaProProGluProProGlyIle------
                                                                                                                                                                      AGTGCCÁAÁCAG----CGGCAGCTGTACAAGAACÁGÁGGC-----
                                                                                                                                                                                         GlyAsnLysSerProHisArgAspProAlaProArgGlyProAlaArgPheLeuPro---
                                                                                                                                                                                                                           CGCCCAGATGGCTACAATGTGTACCGATCCGAGAAGCACCGCCTCCCGGTCTCCCTGAGC
                                                                                                                                                                                                                                                                                    GGCAAGATGCAGGGGCTGCTTCAGTACTCGGAGGAAGACTGTGCTTTCGAGGAGGAGATC
                                                                                                                                                                                                                                                                                                                                                                                                  ThrValGlyGlyAlaAlaAspGlnSerProGluSerLeuLeuGlnLeuLysAlaLeuLys 87
                                                                                                                                                                                                                                                                                                                                                              ProGlyValIleGlnIleLeuGlyValLysThrSerArgPheLeuCysGlnArgProAsp 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LeuTyrThrAspAspAlaGln---GlnThrGluAlaHisLeuGluIleArgGluAspGly 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                              IleProAspSerSerProLeuLeuGlnPhe-----GlyGlyGlnValArgGlnArgTyr 48
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49.53%
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Matches:
Conservative:
Mismatches:
Indels:
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78
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Regult
No.
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-MODEL-frame+ p2n.model -DEV-xlh
-Q=/cgn2 1/USPTO_sp.model -DEV-xlh
-Q-/cgn2 1/USPTO_sp.model -DEV-xlh
-Q-/cgn2 1/USPTO_sp.model -DEV-xlh
-Q-/cgn2 1/USPTO_sp.model -DEV-xlh
-Q-/cgn2 1/USPTO_sp.model -DEV-xlh
-Q-/cgn2 1/USPTO_sp.molel -Q-/cgn2 1/USPTO_sp.molel -Q-/cgn2 1/USPTO_sp.molel -Q-/cgn2 1/USPTO_sp.molel -Q-/cgn2 1/USPTO_sp.molel -Q-/cgn2 1-LST-45 -DCCALICN=200 -THR SCORE-quality -THR MIN-1 -ALICN=15 -MODE=LOCAL
-UST-45 -DCCALICN=200 -THR SCORE-quality -THR MIN-1 -ALICN=15 -MODE=LOCAL
-OUTFMT-pto -NORM-ext -HEAPSIZE=500 -MINLEN-0 -MAXLEN-2000000000
-USER-US09391861 @-CGN 1 1 237 @-CUNAL 23112005 114213 21811 -NCPU-6 -ICPU-3
-NO_MMAP -LARGEQUERY -NEG_SCORES-0 -WAIT -DSPBLOCK=100 -LONGLOG
-DEV_TIMEOUT=120 -WARN TIMEOUT=30 -THREADS-1 -XCAPOP=60 -XGAPEXT=60 -FGAPOP=6
-DEV_TIMEOUT=120 -WARN TIMEOUT=30 -DELOP=6 -DELEXT=7
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Searched:
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                         Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   nucleic search,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Issued_Patents_NA:*

1: /ggn2_6/ptodata/l/ina/1_COMB.seq:*

2: /cgn2_6/ptodata/l/ina/5_COMB.seq:*

3: /ggn2_6/ptodata/l/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/l/ina/6B_COMB.seq:*

5: /ggn2_6/ptodata/l/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/l/ina/PCTUS_COMB.seq:*

7: /ggn2_6/ptodata/l/ina/PCOMB.seq:*

8: /cgn2_6/ptodata/l/ina/RE_COMB.seq:*

9: /cgn2_6/ptodata/l/ina/RE_COMB.seq:*
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Ygapop 60.0 , 1
Fgapop 6.0 , 1
Delop 6.0 , 1
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82.8
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209
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Copyright (c) 1993 - 2005 Compugen Ltd.
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Ygapext
Fgapext
Delext
US-09-390-207-1

US-09-715-805-3

US-09-621-976-1353

US-09-390-207-3

US-09-715-805-1

US-09-655-493B-6

US-09-949-016-17271

US-09-949-016-142950
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2327.495 Million cell updates/sec
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Sequence 1, Appli
Sequence 3, Appli
Sequence 1353, Ap
Sequence 3, Appli
Sequence 1, Appli
Sequence 6, Appli
Sequence 17271, A
Sequence 6951, Ap
Sequence 6951, Ap
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ALIGNMENTS

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RESULT 1
US-09-390-207-1
VS-09-390-207-1
; Sequence 1, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
SOCTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
SEQ ID NO 1
CEGATISM: Homo sapiens
FEATURE:
CORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LICOATION: (142)..(771)
US-09-390-207-1
Alignment Scores:
Pred. No.:
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RESULT 2

(S-09-715-805-3)

(Sequence 3, Application US/09715805

Patent No. 6716626

(GENERAL INFORMATION:

APPLICANT: ITOH, No. 6716626UYUK:

TITLE OF INVENTION: HUMAN FCG-21 GENE AND GENE EXPRESSION

FILE REFERENCE: PRODUCTS

CURRENT FILEMONTION: PRODUCTS

CURRENT APPLICATION NUMBER: US/99/715,805

CURRENT FILING DATE: 2000-11-16

SOPTWARE: FASTSEQ for Windows Version 4.0

LENGTH: 643

TYPE: DNA

ORGANISM: Homo sapiens

NAME/KEY: CDS

LOCATION: (9)...(638)
                                                                                             Percent Similarity:
Best Local Similarity:
Query Match:
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Sequence 1353
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Sequence 1353
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobett, S.
APPLICANT: Jobett, S.
APPLICANT: Jobett, S.
APPLICANT: Jobett, S.
ITILE OF INVENTION. ESTS and Encoded Human Proteins. CURRENT APPLICATON NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
CURRENT FILING DATE: 2000-07-21
SOFTMARE: Patent.pm
ISOGTHARE: OF SEQ ID NOS: 19335
SEQ ID NO 1353
SEQ ID NO 1353
CARGULE: A77
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: 169.423
LOCATION: 169.423
LOCATION: 169.252
COTHER INFORMATION: Won Heijne matrix
OTHER INFORMATION: SCORE 11.3000001907349
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RESULT 5
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Query Match:
DB:
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; Sequence 3, Applic.
; Patent No. 6504530
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; LOCATION: 207
; OTHER INFORMATION: n=a,
US-09-621-976-1353
                                                                                                                                                                    US-09-391-861-2 (1-209) x US-09-390-207-3 (1-649)
                                                                                                                                                                                                                                                                   Score:
                                                                                                                                                                                                                                                                                                                             ; NAME/KEY: CDS
; LOCATION: (1)..(630)
US-09-390-207-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
CURRENT FAPLICATION UMBER: US/09/390,207
CURRENT APPLICATION UMBER: 099-09-07
CURRENT FILING DATE: 1999-09-07
CURRENT FILING DATE: 1999-09-07
CURRENT FILING DATE: 1998-09-07
                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 649
                                             406
                                                                    135 TyrGlnSerGluAlaHisGlyLeuProLeu 144
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                                                                                                      CACTTTGATCCTGAGGCCTGCAGCTTCAGAGAACTGCTGCTGGAGGACGG
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Matches:
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Matches:
Conservative:
Mismatches:
Indels:
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PATENT NO. 6716626

GENERAL INFORMATION:

APPLICANT: ILOD, NO. 6716626Uyuki

APPLICANT: KAVANAUGh, W. Michael

TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION

TITLE OF INVENTION: PRODUCTS:

FILE REFERENCE: PP-16758.001/201130.408

CURRENT APPLICATION NUMBER: US/09/715,805

CURRENT FILING DATE: 2000-11-16

NUMBER OF SEQ ID NOS: 17

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LENGTH: 659
; TYPE: DNA
; ORGANISM: Mus musculus
; PRATURE:
; NAME/KEY: CDS
; LOCATION: (14)...(646)
US-09-715-805-1
 Percent Similarity:
Best Local Similarity:
Query Match:
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Best Local Similarity:
Query Match:
                                                                       Pred. No.:
                                                                                     Alignment Scores:
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                                                                                                                                      SEQ ID NO 6
LENGTH: 659
TYPE: DNA
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Patent No. 69431
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                                                                                                                                                                                                        APPLICANT: Wang, Fei
APPLICANT: Di Polo, Adriana
APPLICANT: Di Polo, Adriana
TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
TITLE OF INVENTION: FOR TREATING OR PREVENTING DISEASES OF
FILE REFERENCE: PP1588.005 (20263.40)
CURRENT APPLICATION NUMBER: US/09/665,493B
CURRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT:
APPLICANT:
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APPLICANT: Dwarki, Varavani J.
APPLICANT: Rendahl, Katherine
APPLICANT: Zhou, Shang-Zhen
APPLICANT: McGee, Laura H.
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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Lau, Dana
: Flannery, John G.
...ler, Sheldon
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APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and CURRENT APPLICATION NUMBER: US/09/902,540
EVERENT APPLICATION NUMBER: US/09/902,540
PRIOR APPLICATION NUMBER: US/09/902,540
PRIOR FILING DATE: 2001-07-10
PRIOR FILING DATE: 2001-07-10
PRIOR FILING DATE: 2000-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          sequence 17271, Application US/09949016
Patent NO. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: 118/102/202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   115 HisPheAspProGluAlaCYsSerPheArgGluLeuLeuLeuGluAspGlyTyrAsnVal 134
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APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

FILE OF INVENTION: WITH HUMAN DISBASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CLOO1307

CURRENT APPLICATION NUMBER: US/09/949,016

PRIOR APPLICATION NUMBER: 60/231,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/231,498

NUMBER OF SEQ ID NOS: 2000-09-08

SOFTMARE: FRASESEQ for Windows Version 4.0

LENGTH. 601
                                                                                                                                                                                                  RESULT 10
US-09-976-594-608/c
; Sequence 608, Application US/09976594
"""""" No. 6673549
GENERAL INFORMATION:
APPLICANT: Furness, Michael
APPLICANT: Furness, Michael
APPLICANT: Buchbinder, Jenny
TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
CURRENT APPLICATION NUMBER: US/09/976,594
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/240,409
PRIOR FILING DATE: 2000-10-12
PRIOR FILING DATE: 2000-10-12
SOFTWARE: PERL PROGram

**SOFTWARE: PERL Program

**SOFTWARE: PERL Program

**NUMBER OF SEQ ID NO 608
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Best Local Similarity:
Query Match:
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US-09-949-016-142950
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US-09-949-016-142950
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Best Local Similarity:
Query Match:
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; ORGANISM: MYXO
US-09-902-540-6951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 142950, Application US/09949016 Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                        171 ProProAlaProProGluProProGly 179
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RESULT 8 US-09-902-540-6951

GENERAL INFORMATION:

Patent No. Sequence 6951

683344

Application US/09902540

NUMBER OF SEQ ID NOS: SEQ ID NO 6951

3Q ID NO 6951 LENGTH: 454

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US-09-391-861-2 (1-209) x US-09-949-016-17271 (1-15945)

Query Match:

Percent Similarity: Best Local Similarity:

41.3 10.00 100.00% 100.00% 4.78%

Conservative: Mismatches: Indels: Length: Matches:

Alignment Scores: Pred. No.:

US-09-949-016-17271

or

NAME/KEY: misc feature LOCATION: (1)...(15945) OTHER INFORMATION: n = A,T,C

ORGANISM: Human FEATURE: TYPE: DNA CURRENT APPLICATION UNMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 17271

US-09-949-016-17271/c

419 135

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US-09-391-861-2 (1-209) x US-09-665-493B-6 (1-659)

US-09-976-594-608

ORGANISM: Homo sapiens FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Inc:

Incyte ID No. 6673549 210011.1

LENGTH: 1371
TYPE: DNA
ORGANISM: HO
FEATURE:

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Percent Similarity:
Best Local Similarity:
Query Match:
DB:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Service and Application Myxococcus xanthus Genome Service Reference: 38-10(15849)8
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 601
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US-10-104-047-1645
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Best Local Similarity:
Query Match:
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US-10-104-047-1645
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Pred. No.:
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                                                                                                                                                                                                                 Sequence 601, Application US/09902540 Patent No. 6833447 GENERAL INFORMATION:
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GENERAL INFORMATION:
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. 6943241e1 full length cDNA
FILE REFERENCE: H1-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
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; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; FEATURE: misc_feature
; LOCATION: (1)...(39552)
; OTHER INFORMATION: n = A,
US-09-949-016-11799
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; ORGANISM: Myxococcus xanthus
US-09-902-540-601
                                                                                                                                                                                                                                                                                                                                                                                RESULT 14
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Sequence 1546, Application US/09949016
Patent No. 6812339
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
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PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
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WESULT 15

US-09-949-016-15779/c

Sequence 15779 Application US/09949016

Patent NO. 681239

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT PPLICATION UNMEER: US/09/949,016

PRIOR APPLICATION UNMEER: 06/241,755

PRIOR PILING DATE: 2000-04-14

PRIOR APPLICATION UNMBER: 60/241,755

PRIOR PILING DATE: 2000-10-20

PRIOR APPLICATION UNMBER: 60/237,768

PRIOR PILING DATE: 2000-10-03

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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR PPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 187595
TYPE: DNA
ORGANISM: Human
PEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(187595)
OTHER INFORMATION: n = A,T,C or G
US-09-949-016-15546
                                                                                                   US-09-391-861-2 (1-209)
                                                                                                                                                                                       Percent Similarity:
Best Local Similarity:
Query Match:
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                                                                                                                                                                                                                                                                                                                                                                                     ; NAME/KEY: misc_feature
; LOCATION: (1)...(265038)
; OTHER INFORMATION: n = A,T,C
US-09-949-016-15779
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Db 122601 CCCCCGGCCCCTCCGGAGCCGCCCGGG 122575

Search completed: November 28, 2005, 13:37:29 Job time: 242.618 secs

Sequence Sequence

58, Appl 58, Appl 58, Appl 897, Appl 897, Appl 104123, 114528, A 14628, A 1

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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1: /cgn2_6/ptcodata/1/ina/1_COMB.seq:*

2: /cgn2_6/ptcodata/1/ina/5_COMB.seq:*

3: /cgn2_6/ptcodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptcodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptcodata/1/ina/H_COMB.seq:*

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7: /cgn2_6/ptcodata/1/ina/PCOMB.seq:*

8: /cgn2_6/ptcodata/1/ina/RE_COMB.seq:*

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US-09-991-181-510
US-09-991-181-510
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APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
CURRENT APPLICATION NUMBER: US/09/390,207
CURRENT FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 649
TYPE: DNA
ORGANISM: Mus musculus
PEATURE:
NAME/KEY: CDS
LOCATION: (1)..(630)
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Patent No. 6504530
GENERAL INFORMATION:
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Local Similarity 100.0%;
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Total number

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Title: Perfect score:

Run on: OM nucleic -

Database

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Sequence 1. Application US/09715805

Patent No. 6716626

GENERAL INFORMATION:

APPLICANT: Icoh, No. 6716626uyuki
APPLICANT: Icoh, No. 6716626uyuki
APPLICANT: Kavanaugh, W. Michael

TITLE OF INVENTION: HUWAN FGG-21 GENE AND GENE EXPRESSION
FILE REFERENCE: PP-16758.001/201130.408
CURRENT APPLICATION NUMBER: US/09/715.805
CURRENT FILING DATE: 2000-11-16
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 659
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: CDS
LOCATION: (14)...(646)
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Patent No. 6943153
GENERAL INFORMATION:
APPLICANT: Manning, William C., Jr.
APPLICANT: Manning, William C., Jr.
APPLICANT: Endahl, Katherine
APPLICANT: Endahl, Katherine
APPLICANT: Endahl, Katherine
APPLICANT: Lau, Dana
APPLICANT: Lau, Dana
APPLICANT: Lau, Dana
APPLICANT: Hannery, John G.
APPLICANT: MIGGE, Laura H.
APPLICANT: MILLER, Sheldon
APPLICANT: MILLER, Sheldon
APPLICANT: Di Polo, Adriana
ITITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
ITITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
ITITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
ITITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
ITITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
ITITLE OF INVENTION WIMBER: US/09/665,493B
CURRENT FALING DATE: 2000-09-20
SOPTWARE: FastSEQ for Windows Version 4.0
LENGTH: Kcq
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Best Local Similarity
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Pred. No. 3.6e-174;
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CURRENT FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/09390207
Patent No. 6504530
GENERAL INFORMATION:
APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like
FILE REFERENCE: 99-371
                                                                                                                                                                                                                                                   Query Match 61.9%;
Best Local Similarity 80.7%;
Matches 469; Conservative
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TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (142)..(771)
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; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (9)...(638)
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APPLICANT: Itch, No. 6716626uyuki
APPLICANT: Kavanaugh, W. Michael
TITLE OF INVENTION: HUMAN PGF-21 GENE AND GENE EXPRESSION
TITLE OF INVENTION: PRODUCTS
FILE REFERENCE: PP-16758.001/201130.408
CURRENT APPLICATION NUMBER: US/09/715,805
CURRENT FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/09715805 Patent No. 6716626
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Pred. No. 1.7e-105;
0; Mismatches 113;
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NAME/KEY: CDS

NAME/KEY: 819_Peptide

LOCATION: 169..423

NAME/KEY: 819_Peptide

LOCATION: 169..252

OTHER INFORMATION: Von Heijne matrix

OTHER INFORMATION: score 11.3000001907349

NAME/KEY: misc feature

LOCATION: 207 —

OTHER INFORMATION: n=a, g, c or t

US-09-621-976-1353
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APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
ITILE OF INVENTION: ESTs and Encoded Human Proteins.
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
SOFTWARE: Patent.pm
SOFTWARE: Patent.pm
SEQ ID NO 1353
LENGTH: 477
TYPE: DNA
CORGANISM: Homo sapiens
FEATURE:
MAME/VEV. COC
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Best Local Simi
Matches 210;
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Patent No. 6639063
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80.5%;
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APPLICANT: Tang, Y. Tom
APPLICANT: Goodrich, Ryle
APPLICANT: Liu, Chenghua
APPLICANT: Ren, Peiyan
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Dunrui
TITLE OF INVENTION: No. 6919193el Nucleic Ac.
FILE REFERENCE: 802CON
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APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. 6743619el Nucleic Aci
TITLE OF INVENTION: No. 6743619el Nucleic Aci
TITLE OF INVENTION: No. 6743619el Nucleic Aci
TITLE OF INVENTION: No. 6743619el Nucleic Aci
CURRENT FILLNG DATE: US/09/774,528
CURRENT FILLNG DATE: 2001-01-30
CURRENT FILLNG DATE: 2001-01-30
COFTWARE: pt_FL_9enes Version 2.0
LENGTH: 810
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (55)...(810)
US-09-774-528-440
Sequence 440, Application US/10120988
Patent No. 6919193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 141; Conserv
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PATENT NO. 6743619
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Zhou, Ping
APPLICANT: Goodrich, Ryle
                                                                                                                                       420 CCATGGCCTGCCTGCGTCTG 441
                                                                                                                                                                                                                              327 AAGATACCTCTGCATGGÁTTTCAGAGGCAACATTTTTGGÁTCACACTATTTCGÁCCCGGÁ 386
                                                                                                                                                                                                                                                                300 TAGGTTTCTTTGCCAACAGCCAGATGGAGCTCTCTATGGATCGCCTCACTTTGATCCTGA 359
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                                                                                                     GTATCACTTCCTGGTCAGTCTG 468
                                                                                                                                                         GAACTGCÁGGTTCCAÁCACCAGACGCTGGÁAAAÁCGGGTÁCGÁCGTCTÁCCÁCTCTCCTCA 446
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Zhang, Jie
Zhao, Qing A.
Yang, Yonghong
Xue, Aidong J
Wehrman, Tom
Wang, Jian-Rui
Wang, Dunrui
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Zhou, Ping
Zhou, Ping
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Asundi, Vinod
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         TITLE OF INVENTION: S
TITLE OF INVENTION: S
FILE REFERENCE
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CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 09/774,528
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 441
SOFTWARE: pt_FL_genes Version 2.0
SEQ ID NO 440
LENGTH: 810
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Best Local Similarity
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APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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LOCATION: (55)..(810)
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o. 6913919
APPLICATION NUMBER: US/09/991,181
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                                                                    Watanabe, Colin K.
Williams, P. Mickey
Wood, William I.
                                                                                                                             Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A.
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Grimaldi, J.Christopher
Gurney, Austin L.
Kljavin, Ivar J.
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Fong, Sherman
                                                                                                                      Tumas,
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RAPPLICATION NUMBER: 60/088655

OR FILING DATE: 1998-06-09

OR APPLICATION NUMBER: 60/088734

OR FILING DATE: 1998-06-10

OR APPLICATION NUMBER: 60/088738 R FILING DATE: 1998-02-R APPLICATION NUMBER: 6 R FILING DATE: 1998-03-R APPLICATION NUMBER: 6 APPLICATION NUMBER: 60/088826 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088858 APPLICATION NUMBER: 60/088810 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088824 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/088742 FILING DATE: 1998-06-10 FILING DATE: 1998-06-05 APPLICATION NUMBER: 60/088202 FILING DATE: 1998-06-05 APPLICATION NUMBER: 60/088212 FILING DATE: 1998-06 APPLICATION NUMBER: FILING DATE: 1998-06 FILING DATE: 1998-06 APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: 60/088167 APPLICATION NUMBER: 60/088326 FILING DATE: 1998-06-04 FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088029 FILING DATE: 1998-06 APPLICATION NUMBER: FILING DATE: 1998-06-02 APPLICATION NUMBER: 60/ FILING DATE: 1998-06-02 FILING DATE: 1998-06-02 APPLICATION NUMBER: 60/087609 FILING DATE: 1998-05-28 APPLICATION NUMBER: 60/087607 APPLICATION NUMBER: 60/049787 FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088033 APPLICATION NUMBER: 60/088030 FILING DATE: 1998-06-04 APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: 1998-05 FILING DATE: 1997-1 APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: FILING DATE: 1997-1 APPLICATION NUMBER: 60/088028 FILING DATE: APPLICATION NUMBER: 60/088025 FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/088021 FILING DATE: 1998-06-03 APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: 60/066770 FILING DATE: APPLICATION NUMBER: 60/065311 FILING DATE: PLICATION : 1998-06-11 NUMBER: 60/088876 1998-06-10 1998-06-04 1998-06-04 1998-04-28 1998-06-11 1998-06-05 1998-06-04 1997-10-17 1997-06-16 1998-05-07 1998-03-20 1998-02-25 1997-11-24 1997-11-1 60/088861 60/088217 60/088026 60/087827 60/087759 60/084600 60/083322 60/078910 60/087106 60/075945 60/065186 60/062250

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OR FILING DATE: 1998-06-24

OR APPLICATION NUMBER: 60/09057

OR FILING DATE: 1998-06-26

OR APPLICATION NUMBER: 60/09057

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                                                                           JR APPLICATION NUMBER: 60/09
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PREPLICATION NUMBER: 60/090435

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OR APPLICATION NUMBER: 60/089952
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OR APPLICATION NUMBER: 60/089532
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OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/089538
OR APPLICATION NUMBER: 60/089598
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APPLICATION NUMBER: 60/090429
FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090431
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FILING DATE: 1998-06-19
APPLICATION NUMBER: 60/089948
FILING DATE: 1998-06-19
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FILING DATE: 1998-06-18
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FILING DATE:
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OR APPLICATION NUMBER: 60/090862
OR FILING DATE: 1998-06-26
OR APPLICATION NUMBER: 60/090863
OR FILING DATE: 1998-06-26
OR FILING DATE: 1998-07-01
OR FILING DATE: 1998-07-01
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OR APPLICATION NUMBER: 60/091478
OR FILING DATE: 1998-07-01
OR APPLICATION NUMBER: 60/091514
OR FILING DATE: 1998-07-02
OR FILING DATE: 1998-07-02
OR FILING DATE: 1998-07-02
OR FILING DATE: 1998-07-02
OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091626
OR APPLICATION NUMBER: 60/091633
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OR APPLICATION NUMBER: 60/091978
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FILING DATE: 1998-07-07
APPLICATION NUMBER: 60/092182
FILING DATE: 1998-07-09
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                                                                              GGCCTGCAGCTTCAGAGAACTGCTGCTGCTGGAGGACGGTTACAATGTGTACCAGTCTGAAGC 419
                                                                                                                    AAĞATACCTCTĞCATGGATTTCAGAĞĞCAACATTTTTĞĞATCACACTATTTCĞACCCĞĞA
                                                                                                                                            TAGGTTTCTTTGCCAACAGCCAGATGGAGCTCTCTATGGATCGCCTCACTTTGATCCTGA
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Conservative
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Pred. No. 1e-09;
0; Mismatches 121;
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US-09-990-444-510 APPLICANT
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APPLICANT APPLICANT: Sequence 510, Application US/09990444
Patent No. 6930170
GENERAL INFORMATION: Ferrara, Napoleone
Fong, Sherman
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Andrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Kljavin, Ivar J.
Napier, Mary A.
Pan, James Paoni,Nicholas F. Roy, Margaret Ann Stewart, Timothy A Baker, Kevin P.
Botstein, David
Desnoyers, Luc Ashkenazi, Avi Pan,James Eaton, Dan L. Ç, ×

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PRIOR APPLICATION NUMBER: 60/049787 PRIOR FILING DATE: 1997-06-16 PRIOR APPLICATION NUMBER: 60/062250 PRIOR FILING DATE: 1997-10-17 PRIOR APPLICATION NUMBER: 60/065186 FILE REFERENCE: P2730P1C19
CURRENT APPLICATION NUMBER: US/09/990,444
CURRENT FILING DATE: 2001-11-14 APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same DR FILING DATE: 1998-06-02
DR APPLICATION NUMBER: 60/087609
DR FILING DATE: 1998-06-02
DR APPLICATION NUMBER: 60/087759
DR FILING DATE: 1998-06-02
DR APPLICATION NUMBER: 60/087827 DR FILING DATE: 1998-06-03

PR APPLICATION NUMBER: 60/088021

PR APPLICATION NUMBER: 60/088025

PR APPLICATION NUMBER: 60/088025

PR FILING DATE: 1998-06-04

PR APPLICATION NUMBER: 60/088026 OR APPLICATION NUMBER: 60/065186
OR FILING DATE: 1997-11-12
OR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066770
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OR FILING DATE: 1997-11-24 APPLICATION |
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APPLICATION NUMBER: 60/084600
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/087106
FILING DATE: 1998-05-28 APPLICATION NUMBER: 60/0 FILING DATE: 1998-06-05 APPLICATION NUMBER: 60/0 FILING DATE: 1998-06-09 APPLICATION NUMBER: 60/ FILING DATE: APPLICATION APPLICATION NUMBER: 60/ FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/ FILING DATE: 1998-06-04 FILING DATE: APPLICATION FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/ FILING DATE: 1998-02-25 APPLICATION NUMBER: 60/078910 APPLICATION NUMBER: 60/075945 FILING DATE: 1998-02-25 FILING DATE: 1998-06-10 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/0 FILING DATE: 1998-06-05 APPLICATION FILING DATE: 1998-06-05 FILING DATE: 1998-06-04 APPLICATION FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/087607 FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/083322 Tumas, Daniel Watanabe, Colin I Williams, P. Micl Wood, William I. NUMBER: 60/088810 NUMBER: 60/088738 NUMBER: 60/088734 NUMBER: 60/088217 NUMBER: 60/088212 NUMBER: 60/088202 NUMBER: NUMBER: 60/088326 NUMBER: 60/088033 NUMBER: 60/088030 NUMBER: 60/088029 NUMBER: 60/088028 1998-06-04 1998-06-10 1998-06-05 2001-11-14 P. Mickey 60/088742 60/088655 60/088167 <u>~</u> PRIOR OR APPLICATION NUMBER: 60/090472
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090535
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OR APPLICATION NUMBER: 60/090557
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/09057 OR FILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/089952
OR APPLICATION NUMBER: 60/090246
OR APPLICATION NUMBER: 60/090246
OR FILING DATE: 1998-06-22
OR APPLICATION NUMBER: 60/090252
OR APPLICATION NUMBER: 60/090254
OR FILING DATE: 1998-06-22
OR FILING DATE: 1998-06-23
OR APPLICATION NUMBER: 60/090349
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OR FILING DATE: 1998-06-23
OR APPLICATION NUMBER: 60/09035 FILING DATE: APPLICATION NUMBER: 60/089801 FILING DATE: 1998-06-18 APPLICATION NUMBER: 60/089907 FILING DATE: 1998-06-17

APPLICATION NUMBER: FILING DATE: 1998-0 FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/ FILING DATE: 1998-06-10 APPLICATION NUMBER: 60/0 FILING DATE: 1998-06-10 APPLICATION FILING DATE: APPLICATION NUMBER: 60/089514 APPLICATION NUMBER: FILING DATE: 1998-06-APPLICATION NUMBER: 60/089105 APPLICATION NUMBER: 60/088876 APPLICATION NUMBER: FILING DATE: NUMBER: 60/089532 1998-06-16 1998-06-16 1998-06-1998-06-1 1998-06-1 1998-06-60/089512 60/089440 60/088861 60/088858 60/088826

FILING DATE: 1998-06-17 60/089538

FILING DATE: 1998-06-17
APPLICATION NUMBER: 60/089600
FILING DATE: 1998-06-17
APPLICATION NUMBER: 60/089653 FILING DATE: 1998-00 APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: 1998-06-17 1998-06-17 60/089599 60/089598

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R APPLICATION NUMBER: 60/089908

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APPLICATION NUMBER: 60/090429

APPLICATION NUMBER: 60/090431 FILING DATE: 1998-06-24 APPLICATION NUMBER: 60/090435 FILING DATE: 1998-06-24 APPLICATION NUMBER: 60/090444 1998-06-24

FILING DATE: 1998-06-24 APPLICATION NUMBER: 60/090445 FILING DATE: 1998-06-24

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Sequence 510, App...

Sequence 510, App...

Patent No. 6953836

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin P.

**DDLICANT: Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                         RESULT 11
US-09-997-333-510
Sequence 510, Application US/09997333
Patent NO. 6953836
GENERAL INFORMATION:
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OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091633
OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091978
OR FILING DATE: 1998-07-07
OR FILING DATE: 1998-07-07
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OR APPLICATION NUMBER: 60/092182
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OR PILING DATE: 1998-06-25
OR PILING DATE: 1998-06-25
OR APPLICATION NUMBER: 60/090695
OR APPLICATION NUMBER: 60/090696
OR FILING DATE: 1998-06-26
OR APPLICATION NUMBER: 60/090862
OR APPLICATION NUMBER: 60/090863
OR FILING DATE: 1998-06-26
OR APPLICATION NUMBER: 60/090863
OR FILING DATE: 1998-07-01
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FILING DATE: 1998-06-25
APPLICATION NUMBER: 60/090690
FILING DATE: 1998-06-25
                                                                                                                     Eaton, Dan L.
Ferrara, Napoleone
Fong, Sherman
Gerber, Hanspeter
Gerritsen, Mary E.
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Pred. No. 1e-09;
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CURRENT APPLICATION NUMBER: US/09/997,333
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/049787
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1997-11-24
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/08332
PRIOR APPLICATION NUMBER: 60/08332
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/08706
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/08707
PRIOR APPLICATION NUMBER: 60/087607
PRIOR APPLICATION NUMBER: 60/087607
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PRIOR PILING DATE: 1998-06-02
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OR APPLICATION NUMBER: 60/088028
OR FILING DATE: 1998-06-04
OR FILING DATE: 1998-06-04
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OR APPLICATION NUMBER: 60/088029
OR FILING DATE: 1998-06-04
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OR APPLICATION NUMBER: 60/088033
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OR FILING DATE: 1998-06-04
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OR APPLICATION NUMBER: 60/088167
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TITLE OF INVENTION: Secreted and Transme
TITLE OF INVENTION: Acids Encoding the
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APPLICATION NUMBER: 60/089947
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Pred. No. 1e-09;
0; Mismatches 121;
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RESULT 12
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; Sequence 510, Application U;
; Patent No. 6956108
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J us/09992598

Baker,Kevin P. Botstein,David

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APPLICANT: Mood, William I.

APPLICANT: Zhang, Zemin

ITITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic FILE REFERENCE: P730PLC20

CURRENT FILLING DATE: 2001-11-14

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-06-16

PRIOR APPLICATION NUMBER: 60/062250

PRIOR RILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062311

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

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Williams, P. Mickey
Wood, William I.
Zhang, Zemin
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Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
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Grimaldi, J. Christopher
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APPLICATION NUMBER: 60/091978
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APPLICATION NUMBER: 60/090863
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                                            GAACTGCAGGTTCCAACACCAGACGCTGGAAAACGGGTACGACGTCTACCACTCTCCTCA
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                                                                       GGCCTGCAGCTTCAGAGAACTGCTGCTGGAGGACGGTTACAATGTGTACCAGTCTGAAGC 419
                                                                                                   AAGATACCTCTGCATGGATTTCAGAGGCAACATTTTTGGATCACACTATTTCGACCCGGA
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Pred. No. 1e-09;
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            Sequence 2147, Application US/09949016 Patent No. 6812339
 GENERAL INFORMATION:
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SEQ ID NO 25
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Patent No. 6794363
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Best Local :
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LOCATION: 1..126
NAME/KEY: CDS
LOCATION: 127..879
NAME/KEY: 3'UTR
LOCATION: 880..1239
NAME/KEY: polyA_site
LOCATION: 1224..1239
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PRIOR APPLICATION NUMBER: US 60/305,456
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/302,277
PRIOR APPLICATION NUMBER: US 60/302,277
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: US 60/298,698
PRIOR FILING DATE: 2001-06-15
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CURRENT APPLICATION NUMBER: US/10/000,489
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: US 09/924,340
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APPLICANT: Tanaka, Hiroaki
TITLE OF INVENTION: HUMAN CDNAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 112
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PRIOR APPLICATION NUMBER: PCT/IB01/01715
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TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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Similarity 53.8%;
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Pred. No. 1.1e-09;
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APPLICANT: Johans Milne Edwards, J.B.
APPLICANT: Johert, S.
APPLICANT: Giordano, J.Y.
ITILE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
CURRENT FILING DATE: 2000-07-21
SOFTWARE: Patent.pm
SEQ ID NO: 171
LENGTH: 528
I TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAMMP/KEY. CDc
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ITITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
ITITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
CURRENT SEPLICATION NUMBER: US/09/949,016
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR RIPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
VUMBER OF SEQ ID NOS: 207012
SEQ ID NO 2147
EDG THARE: FastSEQ for Windows Version 4.0
LENGTH: 1608
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    LENGTH: 1608
    TYPE: DNA
    ORGANISM: Human
    US-09-949-016-2147

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LOCATION: 127..528
NAME/KEY: 819_peptide
LOCATION: 127..198
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Patent No. 6639063
GENERAL INFORMATION:
LOCATION: 127...178
OTHER INFORMATION: Von Heijne matrix
OTHER INFORMATION: score 5.30000019073486
OTHER INFORMATION: seq ALCSVCSMSVLRA/YP
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53.8%; Pred. No. 1.2e-09;
tive 0; Mismatches 121; Indels
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Search completed: November
Job time : 141.046 secs
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Best Local Similarity
Matches 130; Conserv
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1: /ggn2_6/ptodata/1/ina/1_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

3: /ggn2_6/ptodata/1/ina/6B_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /ggn2_6/ptodata/1/ina/PCTOS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/PCTOS_COMB.seq:*

7: /ggn2_6/ptodata/1/ina/PCTOMB.seq:*

8: /cgn2_6/ptodata/1/ina/RE_COMB.seq:*

9: /cgn2_6/ptodata/1/ina/RE_COMB.seq:*
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Patent No. 6504530

GENERAL INFORMATION:

APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian

ITITLE OF INVENTION: Fibroblast Growth Factor-Like Pol
FILE REFERENCE: 99-371

CURRENT APPLICATION NUMBER: US/09/390,207

CURRENT APPLICATION NUMBER: US/09/390,207

NUMBER OF SEQ ID NOS: 41

SOFTWARE: Patentin Ver. 2.0

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; NAME/KEY: CDS
; LOCATION: (1)..(630)
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TYPE: DNA
ORGANISM: Mus
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US-09-799-451-911
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Pred. No. 1.1e-311;
); Mismatches 0;
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911, App 13, App Ap 15, App Ap 13, App Ap 29115, App Ap 29115, App Ap 29125, App Ap 815, App Ap 14070, A 14070, A 17732, A 17732, A 17732, A 17734, A 13793, A

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Sequence 1, Application US/09715805

Patent No. 6716626

GENERAL INFORMATION:
APPLICANT: Icoh, No. 6716626uyuki
APPLICANT: Kavanaugh, W. Michael
TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
ITTLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
FILE REFERENCE: PP-16758.001/201130.408
CURRENT APPLICATION NUMBER: US/09/715,805
ICURRENT FILING DATE: 2000-11-16
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 659
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
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APPLICANT: Manning, William C., Jr.
APPLICANT: Dwarki, Varavani J.

APPLICANT: Rendahl, Katherine
APPLICANT: Zhou, Shang-Shen
APPLICANT: Zhou, Shang-Shen
APPLICANT: Laura H.
APPLICANT: Flannery, John G.
APPLICANT: Miller, Sheldon
APPLICANT: Miller, Sheldon
APPLICANT: Di Polo, Adriana
ITILE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
ITILE OF INVENTION: FOR TREATING OR PREVENTING DISEASES OF THE
ITILE OF INVENTION NUMBER: US/09/665,493B
CURRENT FILING DATE: 2000-09-20
SOFTWARE: FastSEQ for Windows Version 4.0

I PNOTTH. 659
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US-09-665-493B-6
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TYPE: DNA
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
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APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
ITILE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 1353
LENGTH: 477
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                                                                                          RESULT 5
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                Sequence 3, Application US/09715805
Patent No. 6716626
GENERAL INFORMATION:
                                                                                                                                                                                                                               Query Match
Best Local Similarity
APPLICANT: Itoh, No.
                                                                                                                                                                                                                                                                                                                  LOCATION: 169..423

NAME/KEY: sig_peptide
LOCATION: 169..252

OTHER INFORMATION: Von Heijne matrix
OTHER INFORMATION: score 11.3000001907349

OTHER INFORMATION: seq SVLAGLLLGACQA/HP
NAME/KEY: misc_feature
LOCATION: 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: CDS
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0; Mismatches
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GENERAL INFORMATION:
APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like Pol
FILE REFERENCE: 99-371
CURRENT APPLICATION NUMBER: US/09/390,207
CURRENT FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LENGTH: 1190
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (142)..(771)
US-09-390-207-1
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US-09-390-207-1
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APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
TITLE OF INVENTION: Pibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
CURRENT APPLICATION NUMBER: US/09/390,207
CURRENT FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kavanaugh, W. Michael
TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
TITLE OF INVENTION: PRODUCTS
FILE REFERENCE: PP-16758.001/201130.408
CURRENT APPLICATION NUMBER: US/99/715,805
CURRENT FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 643
                                                                                                                                                                                                                     Sequence 7, Application Patent No. 6504530
                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local :
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Best Local Similarity
Matches 29; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 643
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (9)...(638)
                                                                                                                                                                                                                                                                                                                             313 GAAGCCCACCTGGAGATCAGGGAGGATGG
                                                                                                                                                                                                                                                                                                                                                175 GAAGCCCACCTGGAGATCAGGGAGGATGG 203
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Similarity 100.0%;
29; Conservative 0
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; Pred. No. 0.00022;
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; Pred. No.
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; ORGANISM: Mus musculus US-09-390-207-7

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Sequence 15603, Application US/09949016

Patent No. 6812339

REMERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
FILE REFERENCE: CLO01307
CURRENT APPLICATION NUMBER: US/09/949,016
PRIOR APPLICATION NUMBER: US/09/949,016
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/231,498
RIOR APPLICATION NUMBER: 60/231,498
RIOR APPLICATION NUMBER: 60/231,498
RIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
SOFTWARE: FastSEQ for Windows Version 4.0

SOFTWARE: FastSEQ for Windows Version 4.0
TYPE: DNA
ORGANISM: Human
US-09-949-016-15603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
ITILE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
CURRENT APPLICATION NUMBER: US/09/390,207
CURRENT FILING DATE: 1999-09-07
CURRENT FILING DATE: 1299-09-07
SOFTWARE: PATENTING LATE: 1299-09-07
SOFTWARE: PATENTING LATE: 1299-09-07
SOFTWARE: PATENTING LATE: 1299-09-07
CURLENGTH: 37
TYPE: DNA
ORGANISM: Mus musculus
US-09-390-207-10
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Best Local Similarity 100.0%;
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Best Local Similarity 100.0%;
Matches 21; Conservative
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Patent No. 6504530
4167 TGGGACCCTGGGACTGTGGG 4186
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                                                                       Conservative
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                                                        3.1%; Score 20; DB 3; Length 7517;
100.0%; Pred. No. 6.5;
ive 0; Mismatches 0; Indels
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0; Mismatches
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; TYPE: DNA
; ORGANISM: Mus musculus
US-09-390-207-11
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US-09-390-207-11/c
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Best Local
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CURRENT FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
LEVETT 1
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APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
1977 redectrecterrectre 1995
             423 TGGCCTGCCCTGCGTCTG 441
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Similarity 100.0%; P
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Zhou, Ping
Zhou, Ping
                                                                                                                                                                                                                                                                                                                                                                                                                    score 19; DB;
b; Pred. No. 20;
0; Mismatches
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APPLICANT: Drmānac, Radoje T.
ITILE OF INVENTION: No. 6919199el Nucleic Acids and
ITILE OF INVENTION: Polypeptides
FILE REFERENCE: 802CON
CURRENT APPLICATION NUMBER: US/10/120,988
CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 09/774,528
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 441
SOPTWARE: pt-FL-genes Version 2.0
SEQ ID NO 292
LENGTH: 2658
                         RESULT 14
US-09-949-016-13418
Sequence 13418, Application US/09949016
Patent No. 6812339
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; ORGANISM: Homo sapiens
US-10-104-047-781
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US-10-120-988-292
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; LOCATION: (46)..(2454)
US-10-120-988-292
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Best Local Similarity
Matches 19; Conserv
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 781
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TITLE OF INVENTION: 00. 6943241e1 full length cDNA
FILE REFERENCE: HI-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR APPLICATION NUMBER:
PRIOR PILING DATE:
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APPLICANT: Goodrich, Ryle
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                     ENGTH: 2819
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Ren, Feiyan
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J. Craig et al
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100.0%; Pred. No. 20
vative 0; Mismatches
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20;
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                                                                                Matches
                                                                                                  Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/241,755 PRIOR FILING DATE: 2000-10-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
                                                                                                                                                                                             FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(301828)
                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 207012
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc feature
LOCATION: (1) ... (236474)
OTHER INFORMATION: n = A
                                                                                                                                                                                                                                                                     ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Human
FEATURE:
                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                            ENGTH: 301828
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186430 GACCCTGGGACTGTGGGTC 186448
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100.0%; Pred. No.
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Search completed: November 27, 2005, 16:52:34 Job time: 132.929 secs

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-MODEL-frame+ p2n.model -DEV=xlh
-MODEL-frame+ p2n.model -DEV=xlh
-Q-/Ggn2_1/USPTO_spool/US0391861/runat_23112005_114144_21706/app_query.fasta_1.782
-DB=18sued_Patents_NA -QFMT=fastap_-SUPFIX=p2n.rii -MNMATCH=0.1 -LOOPCL=0
-DB=18sued_Patents_NA -QFMT=fastap_-SUPFIX=p2n.rii -MNMATCH=0.1 -LOOPCL=0
-LOOPEXT=0 -UNITS=51ts -STAAT=1 -END=-1 -MATRIX=blosum62 -TRANS=human40.cdi
-LIST=45 -DOCALIGN=200 -THR_SCORE=pct -THR_MAX=100 -THR_NIN=0 -ALIGN=15
-MODE=LOCAL -OUTFMT=pto -NORM=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=20000000
-USER-US09391861_0CGN 1 1 237 @runat_23112005 114144_21706 -NCPU=6 -ICPU=3
-NO_MMAP -LARGEQUERY -NEG_SCORES=0 -WAIT -DSPBLOCK=100 -LONGLOG
-DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7
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1: /cgn2_6/ptodata/l/ina/5_COMB.seq:*

2: /cgn2_6/ptodata/l/ina/6A_COMB.seq:*

3: /cgn2_6/ptodata/l/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/l/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/l/ina/H_COMB.seq:*

6: /cgn2_6/ptodata/l/ina/PCTUS_COMB.seq:*

7: /cgn2_6/ptodata/l/ina/RE_COMB.seq:*

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US-09-715-805-1

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US-09-621-976-1353

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US-09-907-794A-58

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Sequence 58, Appl
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Sequence 1, Application US/09715805

Patent No. 6716626

GENERAL INFORMATION:

APPLICANT: Itoh, No. 6716626Uyuki

APPLICANT: Itoh, No. 6716626Uyuki

APPLICANT: Kavanaugh, W. Michael

TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION

FILE REFERENCE: PRODUCTS

CURRENT APPLICATION NUMBER: US/09/715,805

CURRENT APPLICATION UNMBER: US/09/715,805

NUMBER OF SEQ ID NOS: 17

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 659

TYPE: DNA

ORGANISM: Mus musculus
                                                 Percent Similarity:
Best Local Similarity:
                                                                                        Alignment Scores: Pred. No.:
                                                                                                                         ; FEATURE:
; NAME/KEY: CDS
; LOCATION: (14)...(646)
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                            Sequence 6, Application US/09665493B

Retent No. 6943153

GENERAL INFORMATION:

APPLICANT: Manning, William C., Jr.

APPLICANT: Dwarki, Varavani J.

APPLICANT: Dwarki, Varavani J.

APPLICANT: Ender, Shency John G.

APPLICANT: Lau, Bang-Zhen

APPLICANT: Miller, Sheldon

APPLICANT: Miller, Sheldon

APPLICANT: Wang, Fei

APPLICANT: Wang, Fei

APPLICANT: Wang, Fei

TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS

FILE REFERENCE: P1588.005 (20263.40)

CURRENT APPLICATION NUMBER: US/09/665,493B

NUMBER OF SEQ ID NOS: 12

SEPO ID NO 6

LENGTH: ACC
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ORGANISM: Homo sapien
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Query Match: DB:

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                                             APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
CURRENT APPLICATION NUMBER: US/09/390,207
CURRENT FILING DATE: 199-09-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
                                                                                                                                                                            Sequence 1, Application Patent No. 6504530 GENERAL INFORMATION:
      LENGTH: 1190
TYPE: DNA
ORGANISM: Homo sapiens
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; NAME/KEY: CD
; LOCATION: (1
US-09-390-207-1
APPLICANT: Itoh, No. 6716626uyuki
APPLICANT: KAVANAUGH, W. Michael
ITITLE OF INVENTION: HUMAN FGF-21 GENE AND GE
ITITLE OF INVENTION: PRODUCTS
ITITLE OF INVENTION: PRODUCTS
FILE REFERENCE: PP-16758.001/201130.408
CURRENT APPLICATION NUMBER: US/09/715,805
CURRENT FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSEQ for Windows Version 4.0
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US-09-715-805-3
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                                                                                                                                      Sequence 3, Application Patent No. 6716626 GENERAL INFORMATION:
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Sequence 1353, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
APPLICANT: GIOCHANO, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human
FILE REFERENCE: GENSET.054PR2
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ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (9)...(638)
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Sequence 2335, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT APPLICATION NUMBER: 00/241,755

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-09-08

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012
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HAME/KEY: CDS

LOCATION: 169.423

NAME/KEY: sig_peptide
LOCATION: 169.252

OTHER INFORMATION: Von Heijne matrix
OTHER INFORMATION: score 11.3000001907349

NAME/KEY: misc_feature
LOCATION: 207
OTHER INFORMATION: ned SVLAGILLGACQA/HP
LOCATION: 207
OTHER INFORMATION: n=a, g, c or t
US-09-621-976-1353

US-09-621-976-1353
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Best Local Similarity:
Query Match:
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CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 1353
LENGTH: 477
TYPE: DNA
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Sequence 58, Application US/09907794A
Patent No. 6635468
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Aehkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Demoyers, Luc
APPLICANT: Baton, Dan L.
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; ORGANISM: Human
US-09-949-016-2335
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SEQ ID NO 2335
LENGTH: 651
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    Ferrara, Na
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; TYPE: DNA
; ORGANISM: Homo s
US-09-907-794A-58
                                          Percent Similarity:
Best Local Similarity:
Query Match:
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CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR PILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
PRIOR PILING DATE: 1999-07-26
PRIOR PILING DATE: 1999-07-26
PRIOR PILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/2054
PRIOR PILING DATE: 1999-09-08
PRIOR PILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR PILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR PILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR PILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28214
    US-09-391-861-4 (1-210)
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
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FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
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Stewart, Timothy A.
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Gao, Wei-Qiang
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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PRIOR PILLING DATE: 1999-07-26
PRIOR PELLING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR PELLING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PILLING DATE: 1999-07-26
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PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR PRIOR PILLING DATE: 1999-11-29
PRIOR PILLING DATE: 1999-11-30
PRIOR PILLING DATE: 1999-11-30
PRIOR PILLING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR PILLING DATE: 1999-12-02
PRIOR PRIOR PILLING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR PRIOR PILLING DATE: 1999-12-02
PRIOR PRIOR PILLING DATE: 1999-12-16
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PRIOR PPLICATION NUMBER: PCT/US99/3099
PRIOR PRIOR PILLING DATE: 1999-12-16
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NUMBER OF SEQ ID NOS: 423
SEQ ID NO 58
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CURRENT APPLICATION NUMBER: US/09/905,125A
CURRENT FILING DATE: 2001-07-12
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                            61 HisLeuGluIleArgGluAspGlyThrValValGlyAlaAlaHisArgSerProGluSer 80
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TTCCTGCGCATCCGTGCCCGACGGCGTCGTGGACTGCGCGCGGGGCCAGAGCGCGCACAGT
                                                                                                                                            GlyGlyGlnValArqGlnArqTyrLeuTyrThrAspAspAspGlnAsp---ThrGluAla 60
                                                                                                GGCGACCCCATCCGCCTGCGGCACCTTGTACACCTCCGGCCCCCCACGGGCTCTCCAGCTGC 637
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Matches:
Conservative:
Mismatches:
Indels:
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US-09-905-125A-58

Sequence 58, Application US/09905125A Patent No. 6664376

INFORMATION:

APPLICANT: Genentech; Avi
APPLICANT: Ashkenazi, Avi
APPLICANT: Ashkenazi, Avi
APPLICANT: Betstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Forrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanapeter

APPLICANT:

Godowski, Paul J.
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.

4

Kljavin,

Mather, Jennie P.

APPLICANT: APPLICANT:

Tumas, Daniel Roy, Margaret Ann Stewart, Timothy A. Pan, James Paoni, Nicholas F. APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:

Goddard, A.

Gao, Wei-Qiang Gerber, Hanspeter Gerritsen, Mary E.

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RESULT 10
US-09-902-775A-58
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Besnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 58, Application US/09902775A Patent No. 6686451 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                         APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/99/902,775A
CURRENT FILING DATE: 2001-07-10
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                                                RENT FILING DATE: 2001-07-10
OR APPLICATION NUMBER: PCT/US00/04414
OR FILING DATE: 2000-02-22
OR APPLICATION NUMBER: US 60/143,048
OR FILING DATE: 1999-07-07
OR APPLICATION NUMBER: US 60/145,698
OR FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222 FILING DATE: 1999-07-28 APPLICATION NUMBER: PCT/US99/20594
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Grimaldi, Christopher c
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
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Stewart, Timothy A.
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Gerritsen, Mary E.
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ORGANISM: Homo
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APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
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APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
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APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
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                             HisGlyLeuProLeuArgLeuProGln----LysAspSerProAsnGlnAspAlaThrSer
                                                                                           AlaCysSerPheArgGluLeuLeuGluAspGlyTyrAsnValTyrGlnSerGluAla
                                                                                                                                                              ArgPheLeuCysGlnGlnProAspGlyAlaLeuTyrGlySerProHisPheAspProGlu
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                                                                                                                                                                                                                                                                                    HisLeuGluIleArgGluAspGlyThrValValGlyAlaAlaHisArgSerProGluSer
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CACCGCCTCCCGGTCTCCCTGAGCAGTGCCAAACAGCGGCAGCTGTACAAGAACAGAGGC
                                                                     GACTGTGCTTTCGAGGAGGAGATCCGCCCAGATGGCTACAATGTGTACCGATCCGAGAAG
                                                                                                                                          CGGTACCTCTGCATGGGCGCCGACGGCAAGATGCAGGGGCTGCTTCAGTACTCGGAGGAA
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Matches:
Conservative:
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RESULT 11 US-09-906-700-58

GENERAL INFORMATION:

No.

Application US/09906700

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APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Besnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen

Sherman

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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
ITILE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US/09/906,700
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
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PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: PCT/US39/20594
PRIOR APPLICATION NUMBER: PCT/US39/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US39/20594
PRIOR APPLICATION NUMBER: PCT/US39/20594
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PRIOR APPLICATION NUMBER: PCT/US39/20594
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Query Match:
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; ORGANISM: Homo
US-09-906-700-58
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PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION UNMBER: PCT/US99/30991
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR PILING DATE: 1999-12-20
PRIOR PILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-5
PRIOR FILING DATE: 2000-01-05
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LENGTH: 2137
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                                                             CCATTTGGGCTTGTCACCGGACTGGAGGCCGTGAGGÁGTCCCAGCTTT 1105
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Application US/09903603A
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:

Kljavin, Iva. .
Marher, Jennie P.

Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.

Godowski, Paul J. Grimaldi, Christopher J. Gerritsen, Mary E. Goddard, A. Gao, Wei-Qiang Gerber, Hanspeter

Roy, Margaret Ann Stewart, Timothy A.

Nicholas F.

PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-13
PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-30
PRIOR FILING DATE: 1999-11-30
PRIOR TILING DATE: 1999-11-30
PRIOR TILING DATE: 1999-11-30

APPLICATION NUMBER: PCT/US99/28564 FILING DATE: 1999-12-02 APPLICATION NUMBER: PCT/US99/28565

PCT/US99/28565

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FILE REFERENCE: GNE. 1618P2C12
CURRENT APPLICATION NUMBER: US/09/903,603A
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR PPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
              NUMBER OF SEQ ID NOS: 42:
5 SEQ ID NO 58
LENGTH: 2137
TYPE: DNA
ORGANISM: Homo BapienB
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
                                                                                                                                   PRIOR APPLICATION NUMBER: PCT/US00/00219 PRIOR FILING DATE: 2000-01-05
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
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OR APPLICATION NUMBER: PCT/US99/21090
OR FILING DATE: 1999-09-15
OR APPLICATION NUMBER: PCT/US99/21547
OR FILING DATE: 1999-09-15
OR APPLICATION NUMBER: PCT/US99/23089
OR FILING DATE: 1999-10-05
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APPLICATION NUMBER: PCT/US99/30999
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                                                                                                                                                                                                                                                                              FILING DATE: 1999-12-16
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Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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Godowski, Paul J.
Grimaldi, Christopher
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Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Best Local Similarity:
Query Match:
DB:
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Pred. No.:
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CCATTTGGGCTTGTCACCGGACTGGAGGCCGTGAGGAGTCCCAGCTTT
                           ProLeuSerMetValGluProLeuGlnGly---ArgSerProSerTyr
                                                                                                                                                               TrpGlyProVal---ArgPheLeuProMet---ProGlyLeuLeuHisGluProGlnAsp 177
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                                                                CTCAGGGGCCACTTGGAATCTGACATGTTCTCTTCGCCCCTGGAGACCGACAGCATGGAC
                                                                                             GlnAlaGlyPheLeuProProGlu-----
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Matches:
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Sequence 58, Patent No. 68
GENERAL INFOR APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: Genentech, APPLICANT: Ashkenazi APPLICANT: APPLICANT: INFORMATION: 680635 Desnoyers, Luc Eaton, Dan L. Ferrara, Napoleone Filvaroff, Ellen Fong, bulling Gao, Wei-Qiang Goddard, A. Godowski, Paul J. Grimaldi, Christopher Gerber, Hanspeter Gerritsen, Mary E Botstein, David Ashkenazi, Inc.

RESULT 13 US-09-904-920A-58

Application US/09904920A

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US-09-391-861-4 (1-210) x US-09-904-920A-58 (1-2137)
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APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Wood, William, I.
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic FILE REFERENCE: 10466-14
CURRENT APPLICATION WINMER: US/09/904,920A
PRIOR APPLICATION ANDMER: DOI-07-13
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: DCT/US99/20594
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: DCT/US99/20594
PRIOR FILING DATE: 1999-09-18
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PRIOR APPLICATION NUMBER: DCT/US99/20594
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PRIOR APPLICATION NUMBER: DCT/US99/20594
PRIOR APPLICATION NUMBER: DCT/US99/20564
PRIOR APPLICATION NUMBER: DCT/US99/20564
PRIOR APPLICATION NUMBER: DCT/US99/20564
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PRIOR FILING DATE: 1999-12-02
PRIOR PILING DATE: 1999-12-16
PRIOR PILING DATE: 1999-12-16
PRIOR PILING DATE: 1999-12-16
PRIOR PILING DATE: 1999-12-20
PRIOR PILING DATE: 1999-12-20
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PRIOR PILING DATE: 1999-12-20
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PRIOR APPLICATION NUMBER: PCT/US09/30999
PRIOR PILING DATE: 2000-01-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
                                                 24 LeuGlyValTyrGlnAlaTyrProlleProAspSerSerProLeuLeuGlnPhe-----
                                                                                                                 ATGCGGAGCGGGTGTGGTGGTGGTCCACGTATGGATC-----CTGGCCGGCCTCTGGCTG 517
                                                                                                                                                          MetArgSerArgValGlyThrLeuGlyLeuTrpValArgLeuLeuLeuLaValPheLeu
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Hillan, Kenneth, J.
Kijavin, Ivar J.
Mather, Jennie P.
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Matches:
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Botstein, David
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
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US-09-909-064-58
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,064
CURRENT FILING DATE: 2001-07-18
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                                                                                                                                                     Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Godowski, Paul J.
Grimaldi, Christopher J.
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                                                                                                                                                                                                                                                                         Pan, James
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Gerritsen, Mary E
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Percent Similarity:
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Alignment Scores:

US-09-904-920A-58

NUMBER : SEQ ID NO 58

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; ORGANISM: Homo
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APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/30999
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                                                                                                                     TTCCTGCGCATCCGTGCCGACGGCGTCGTGGACTGCGCGCGGGGCCAGAGCGCGCACAGT
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                                              TIGCTGGAGATCAAGGCAGTCGCTCTGCGGACCGTGGCCATCAAGGGCGTGCACAGCGTG
                                                                                 LeuLeuGluLeuLysAlaLeuLysProGlyValIleGlnIleLeuGlyValLysAlaSer 100
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APPLICANT: Wood, William, I. TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/905,381A

CURRENT FILING DATE: 2001-07-13

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR PRILING DATE: 1909-07-07

PRIOR PRILING DATE: 1909-07-07

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR PRIOR PRILING DATE: 1999-07-28

PRIOR PRILING DATE: 1999-07-28

PRIOR RELING DATE: 1999-09-08

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR APPLICATION NUMBER: DCT/US99/20944

PRIOR APPLICATION NUMBER: DCT/US99/20944

PRIOR APPLICATION NUMBER: DCT/US99/21090

PRIOR APPLICATION NUMBER: DCT/US99/21090

PRIOR PILING DATE: 1999-09-15

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Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Gerritsen, Mary E.
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art, Timothy A.
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f, Ellen
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PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-12-20
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PRIOR APPLICATION NUMBER: PCT/US99/30999
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Best Local Similarity:
Query Match:
DB:
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; ORGANISM: Homo
US-09-905-381A-58
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Pred. No.:
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PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR FILING DATE: 1999-12-02
      178 GlnAlaGlyPheLeuProProGlu------
                                                                          938
                                                                                           160 TrpGlyProVal---ArgPheLeuProMet---ProGlyLeuLeuHisGluProGlnAsp 177
                                                                                                                                                                                        141
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                                                                                                                                                                                                             ### BACTGTGCTTTCGAGGAGGAGATCCGCCCAGATGGCTACAATGTGTACCGATCCGAGAAG
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                                                                                                                                                                                                                                                                                                                                                                                                                          81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61 HisLeuGluIleArgGluAspGlyThrValValGlyAlaAlaHisArgSerProGluSer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   42 GlyGlyGlnValArgGlnArgTyrLeuTyrThrAspAspAspGlnAsp---ThrGluAla 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      24 LeuGlyValTyrGlnAlaTyrProIleProAspSerSerProLeuLeuGlnPhe----- 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4
                                                                                                                                HisGlyLeuProLeuArgLeuProGln---LysAspSerProAsnGlnAspAlaThrSer 159
                                                     TTTCTTCCÁCTCTCTCATTTCCTGCCCÁTGCTGCCCATGGTCCCAGAGGÁGCCTGAGGÁC
                                                                                                                                                                                                                                                                                                                             ArgPheLeuCysGlnGlnProAspGlyAlaLeuTyrGlySerProHisPheAspProGlu 120
                                                                                                                                                                                                                                                                                                                                                                LeufeuGlufeufysAlafeufysProGlyValIleGlnIlefeuGlyValfysAlaSer 100
                                                                                                                                                                                                                                                                                                                                                                                                                                             TTCCTGCGCATCCGTGCCGACGGCGTCGTGGACTGCGCGCGGGGCCAGAGCGCGCACAGT
                                                                                                                                                                                                                                                                                        CGGTACCTCTGCATGGGCGCCGACGGCAAGATGCAGGGGCTGCTTCAGTACTCGGAGGAA 817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GÉCGACCCCATCCGCCTGCGGCACCTGTÀCÀCCTCCGGCCCCCACGGGCTCTCCAGCTGC 637
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATGCGGAGCGGGTGTGTGGTGGTCCACGTATGGATC----CTGGCCGGCCTCTGGCTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MetArgSerArgValGlyThrLeuGlyLeuTrpValArgLeuLeuLeuAlaValPheLeu 23
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Matches:
Conservative:
Mismatches:
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-ProProAspValGlySerSerAsp 193
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1058 CCATTTGGGCTTGTCACCGGACTGGAGGCCGTGAGGAGTCCCAGCTTT 1105
                           194 ProLeuSerMetValGluProLeuGlnGly---ArgSerProSerTyr 208
                                                                         998 CTCAGGGGCCACTTGGAATCTGACATGTTCTCTTCGCCCCTGGAGACCGACAGCATGGAC 1057
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Search completed: Job time : 178.41 November 28, secs 2005, 13:30:51

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Result
No.
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-MODEL-frame+ p2n.model -DEV=xlh
-Q=/Ggn2_1/USPTO_Epool/US03931861/runat_23112005_114213_21811/app_query.fasta_1.782
-DB=Isued_Patents_NA -QFMT=fastap_-SUFFIX=p2nolI.rni -MINNATCH=0.1 -LOOPCL=0
-LOOPEXT=0 -UNITS-bits -START=1 -END=-1 -NATIX=oligo -TRANS=human40.cdi
-LOOPEXT=0 -UNITS-bits -START=1 -END=-1 -NATIX=oligo -TRANS=human40.cdi
-LIST=45 -DOCALIGN=200 -THR_SCORE=quality -THR_MIN=1 -ALIGN=15 -MODE=LOCAL
-OUTFMT=pto -NORM=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=200000000
-USER=US09391861_9CGN 1 1 237 @runat 23112005 114213_21811 -NCPU=6 -ICPU=3
-NO_MMAP -LARGEQUERY -NEG_SCORES=0 -WAIT -DSPBLOCK=100 -LONGLOG
-DEV_TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=60 -XGAPEXT=60 -FGAPOP=6
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Maximum DB
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. 18 the number of results predicted by chance to have score greater than or equal to the score of the result being pr
                                                                                                                                                                                                                                                                  Score
                                                                                                                                                                                                                                                                                                                                                                                               18
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seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                               derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Issued_Patents_NA:*

1: /cgn2_6/ptodata/l/ina/l_COMB.seq:*

2: /cgn2_6/ptodata/l/ina/s_COMB.seq:*

3: /cgn2_6/ptodata/l/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/l/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/l/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/l/ina/PCOMB.seq:*

7: /cgn2_6/ptodata/l/ina/PCOMB.seq:*

8: /cgn2_6/ptodata/l/ina/RE_COMB.seq:*

9: /cgn2_6/ptodata/l/ina/RE_COMB.seq:*
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Fgapop 6.0 , I
Delop 6.0 , I
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Copyright (c) 1993 - 2005 Compugen Ltd
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Ygapext 60.0
Fgapext 7.0
Delext 7.0
US-09-390-207-3

US-09-715-805-1

US-09-665-493B-6

US-09-715-805-3

US-09-390-207-1

US-09-621-976-1353

US-07-908-317-33

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US-08-194-981E-48
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2327.495 Million cell updates/sec
Sequence 3, Appli
Sequence 1, Appli
Sequence 6, Appli
Sequence 3, Appli
Sequence 1, Appli
Sequence 1353, Appl
Sequence 33, Appl
Sequence 33, Appl
Sequence 48, Appl
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quence 29, App quence 305, Ap	25	quence 2, Appl	nce 464, Ap	е 9,	quence 12301,	quence 2019, A	quence 1,	225, Ap	e 319, Ap	60	16415	14135	equence 10418	86668	e 52474	e 5247	e 52429	52428	43857	e 43856	3812	9 43811	8783	e 6272,	e 484,	e 484,	ence 1044,	e 1041,	ence 2106,	nce 57, A	æ	App	equence 5, Appl

ALIGNMENTS

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; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1).
; US-09-390-207-3
Percent Similarity:
Best Local Similarity:
Query Match:
                                                                                      Alignment Scores:
                                                                        Pred. No.:
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CURRENT FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/09390207
Patent No. 6504530
GENERAL INFORMATION:
APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
                                                                                                                                                                                         LENGTH: 649
TYPE: DNA
ORGANISM: Mus musculus
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9.47e-200
210.00
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Length:
Matches:
Conservative:
Mismatches:
Indels:
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; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (14)...(646)
US-09-715-805-1
                                                                                                                                                                Sequence 1, Application US/09715805
PALENT NO. 6716626
GENERAL INFORMATION:
APPLICANT: Itch, No. 6716626uyuki
APPLICANT: Kavannaugh, W. Michael
ITILE OF INVENTION: HUMAN FGF-21 GENE AND GENERAL OF INVENTION: PRODUCTS
FILE REFERENCE: PP-16758.001/201130.408
CURRENT APPLICATION NUMBER: US/09/715,805
CURRENT FILING DATE: 2000-11-16
NUMBER OF SEO ID NOS: 17
SOFTWARE: FASESEO for Windows Version 4.0
SEO ID NO 1
SEO ID NO 1
LENGTH: 659
       Percent Similarity:
Best Local Similarity:
Query Match:
DB:
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US-09-715-805-1
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Mismatches:
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LENGTH: 659
TYPE: DNA
ORGANISM: Homo

sapien

HHE EYE

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APPLICANT: Dwarki, Varavani J.

APPLICANT: Dwarki, Varavani J.

APPLICANT: Endahl, Katherine

APPLICANT: Zhou, Shang-Zhen

APPLICANT: Zhou, Shang-Zhen

APPLICANT: Zhou, Shang-Zhen

APPLICANT: McGee, Laura H.

APPLICANT: Hannery, John G.

APPLICANT: Hannery, John G.

APPLICANT: Wang, Pei

APPLICANT: Wang, Pei

APPLICANT: Wang, Pei

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APPLICANT: Wang, Pei

APPLICANT: Wang, Pei

APPLICANT: Wang, Pei

APPLICANT: Wang, Pei

CURENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS

TITLE OF INVENTION: FOR TREATING OR PREVENTING DISEASES OF THE

FILE REFERENCE: PPISB8.005 (20263.40)

CURRENT APPLICATION NUMBER: US/09/665,493B

CURRENT APPLICATION NUMBER: US/09/665,493B

CURRENT FILING DATE: 2000-09-20

NUMBER OF SEQ ID NOS: 12

SEQ ID NO 6

LENGRY: EastSEQ for Windows Version 4.0
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US-09-665-493B-6
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                                                                                                                                                                                                                                                                                                                 Sequence 6, Application Patent No. 6943153 GENERAL INFORMATION:
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RESULT 4

US-09-715-805-3

Sequence 3, Application US/09715805

Patent No. 6716626

GENERAL INFORMATION:

APPLICANT: Itoh, No. 6716626uyuki

APPLICANT: Kavanaugh, W. Michael

TITLE OF INVENTION: HUMAN FGF-21 GENE AND GEN

TITLE OF INVENTION: PRODUCTS

FILE REFERENCE: PP-16758.001/201130.408

CURRENT APPLICATION UMBER: US/09/715,805

CURRENT APPLICATION ON BER US/09/715,805

CURRENT FILING DATE: 2000-11-16

NUMBER OF SEQ ID NOS: 17

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

LENGTH: 643

TYPE: DNA
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Best Local Similarity:
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Pred. No.:
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LENGTH: 1190
; TYPE: DNA
; TYPE: DNA
; ORGANISM: Homo :
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (142)
US-09-390-207-1
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; NAME/KEY: CDS
; LOCATION: (9).
US-09-715-805-3
                                                                                                    RESULT 6
US-09-621-976-1353
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Best Local Similarity:
Query Match:
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Best Local Similarity:
Query Match:
DB:
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Sequence 1353, Application US/09621976
Patent No. 6639063
GRMERRAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
APPLICANT: Giordano, J.Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Thomason, Arlen
APPLICANT: Liu, Benxian
APPLICANT: Liu, Benxian
TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
FILE REFERENCE: 99-371
CURRENT APPLICATION NUMBER: US/09/390,207
CURRENT FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                544
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Matches:
Conservative:
Mismatches:
Indels:
Gaps:
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FEATURE:

NAME/KEY: CDS

LOCATION: 169..423

NAME/KEY: 819 peptide
LOCATION: 169..252

OTHER INFORMATION: Von Heijne matrix
OTHER INFORMATION: score 11.300001907349

OTHER INFORMATION: seq SVLAGLILIGACQA/HP
NAME/KEY: misc feature
LOCATION: 207

OTHER INFORMATION: n=a, g, c or t
US-09-621-976-1353
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US-07-908-317-33
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Best Local Similarity:
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/908,317
FILING DATE: 1920702
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PARKER, DAVID L.
REGISTRATION NUMBER: 32,165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 5420027
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 1353
LENGTH: 477
                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                              APPLICANT: FISHER, CHARLES W.
APPLICANT: BARNES, HENRY J.
APPLICANT: BETNAROK, RONALD W.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: THE EXPRESSION OF BILOGICALLY
TITLE OF INVENTION: EUKARYOTIC CYTOCHROME P450 FUSED TO
TITLE OF INVENTION: A REDUCTASE IN BACTERIA
TOTALE OF INVENTION: A REDUCTASE IN BACTERIA
TOMBER OF SEQUENCES: 34
                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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No.:
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ORGANISM: Homo sapiens
                                                                                                                                                                                                             COUNTRY: US
ZIP: 77210
                                                                                                                                                                                                                                                                CITY: HOUSTON
                                                                                                                                                                                                                                                                                               ADDRESSEE: ARNOLD,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4 33, 55.
No. 5420027
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Indels:
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PCT-US93-06171-33
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PCT-US93-06171-33
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Best Local Similarity:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: UTSD TELECOMMUNICATION INFORMATION: TELEPHONE: 512-920-7200 TELEPAX: 512-474-7577 TELEX: NOT APPLICABLE INFORMATION FOR SEQ ID NO: 33: SEQUENCE CHARACTERISTICS: LENGTH: 42 base pairs TYPE: NUCLEIC ACID CTD ANDERNESS. 6: 1716
                                                                                                                                         COMPUTER: ISM FORFE DISK
COMPUTER: ISM FOR COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06171
FILING DATE: 1930629
CLASSIFICATION BATA:
APPLICATION DATA:
APPLICATION NUMBER: 07/908,317
FILING DATE: 02 July 1992
ATTORNEY/ACENT INFORMATION:
NAME: PARKER, DAVID L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UTSD:292/
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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APPLICANT:
                                                           TELEFAX: 512-474-7577
TELEX: NOT APPLICABLE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
       LENGTH: 42 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: HOUSTON
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TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                                    PCT/US93/06171
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Matches:
Conservative:
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Indels:
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Alignment Scores: Pred. No.:

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Length:

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                                                                                Percent Similarity:
Best Local Similarity:
Query Match:
DB:
                                                      US-09-391-861-4 (1-210) x US-08-194-981E-48 (1-63)
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Best Local Similarity:
Query Match:
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                                                                                                                                                                      Alignment Scores:
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                                                                                                                                                                                                  US-08-194-981E-48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 688-0770
TELEPAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 48:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                            MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 63 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/194,981E
FILING DATE: Pebruary 10, 1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 30303-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SANDHU, Punam
APPLICANT: GILLAM, Elizabeth M. J.
TITLE OF INVENTION: EXPRESSION AND PURIFICATION OF
TITLE OF INVENTION: CYTOCHROME P450
                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: GUENGERICH, F. APPLICANT: GUO, Zuyu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: G
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                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Elizabeth Selby
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Atlanta
                                                                                                                                                                                                                                                         TOPOLOGY:
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CTGTTATTAGCAGTTTTTCTGCTG 39
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Matches:
Conservative:
Mismatches:
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Gaps:
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US-09-058-260-33; Application US/09058260B; Sequence 33; Application US/09058260B; Patent No. 6218167; GENERAL INFORMATION: APPLICANT: Allen, Larry
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                                                                                     RESULT 1
                                                                                                                                                                               US-09-391-861-4 (1-210) x US-08-702-795-5 (1-74)
                                                                                                                                                                                                                             Query Match:
                                                                                                                                                                                                                                         Percent Similarity:
Best Local Similarity:
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US-08-702-795-5
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                                                                                                                                                                                                                                                                                           Pred. No.:
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Patent No. 5668000
                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 703 241 2848
TELEX: 248345
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 24-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: SVENBSON, Leonard R.
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 34-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703 241 1300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Akiyoshi, Megumi
APPLICANT: Yabusaki, Yoshiyasu
APPLICANT: Sakaki, Toshiyuki
APPLICANT: Okhawa, Hideo
TITLE OF INVENTION: Mitochondrial P450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: UPILING DATE: 26-AUG-1CASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: WordPerfect 5.
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS: BIRCH, STEWART, KOLASCH & BIRCH
                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
TOPOLOGY: 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 703 241 2848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
FILING DATE: 26-SEI
APPLICATION NUMBER:
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APPLICATION NUMBER:
FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Falls Church
STATE: Virginia
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                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH:
                                                                                                                     24
                                                                                                                                       17 LeuLeuLeuAlaValPheLeuLeu 24
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22040-0747
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Indels:
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Matches:
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RESULT 12
US-08-651-155B-57/c
; Sequence 57, Application US/08651155B
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EARLIER APPLICATION NUMBER: 60/001,995
EARLIER FILING DATE: 1996-08-07
EARLIER FILING DATE: 1996-08-07
EARLIER FILING DATE: 1996-08-07
EARLIER FILING DATE: 1996-01-11
EARLIER APPLICATION NUMBER: 60/019,580
EARLIER APPLICATION NUMBER: 60/019,580
EARLIER APPLICATION NUMBER: 08/694,078
EARLIER FILING DATE: 1996-08-08
EARLIER FILING DATE: 1996-08-12
EARLIER APPLICATION NUMBER: 08/694,078
EARLIER FILING DATE: 1996-09-01
EARLIER FILING DATE: 1997-01-10
EARLIER FILING DATE: 1997-01-10
EARLIER FILING DATE: 1997-04-11
SOFTWARE: PATENTON NUMBER: 08/827,810
NUMBER OF SEQ ID NOS: 37
SEQ ID NO 3
LENGTH: 168
LENGTH: 168
CRGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            S
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Best Local Similarity:
Query Match:
DB:
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; OTHER INFORMATION: Description of Artificial Sequence:partial clone
; OTHER INFORMATION: of esterase gene from bacteria E007 5 end
US-09-058-260-33
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Pred. No.:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651,155B
FILING DATE: 17-MAY-1996
                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 255

CORRESPONDENCE ADDRESS:

ADDRESSEE: Chrisman, Bynum & Johnson, P.C.
STREET: 1900 Fifteenth Street

CITY: Boulder
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Aikens, John
APPLICANT: Fonstein, Michael
APPLICANT: Vonstein, Veronika
APPLICANT: Demirjian, David
APPLICANT: Casadaban, Malcolm
TITLE OF INVENTION: Stable Biocatalysts for Ester Hydrolysis
FILE REFERENCE: 95-963-H
                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Mahan Dr., Michael J.
APPLICANT: Conner Mr., Christopher P.
APPLICANT: Hiethoff Mr., Douglas M.
TITLE OF INVENTION: METHOD AND PROBES FOR THE IDENTIFICATION
TITLE OF INVENTION: OF MICROBIAL GENES SPECIFICALLY INDUCED DURING HOST
TITLE OF INVENTION: INFECTION
                                                                                                                                                                                                        COUNTRY:
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Matches:
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US-09-194-036B-57/c
; Sequence 57, Application US/09194036B
; Patent No. 6548246
; GENERAL INFORMATION:
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Query Match:
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SEQUENCE CHARACTERISTICS:
LENGTH: 173 bass - Types
   COMPUTER: IBM CC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/194,036B
FILING DATE: 17-NO. 6548246-1998
CLASSIFICATION: <UNknown>
PRIOR APPLICATION NUMBER: PCT/US97/08208
FILING DATE: 1997-05-16
APPLICATION NUMBER: US 08/651,155
FILING DATE: 1997-05-17
ATTORNEY/AGENT INFORMATION:
NAME: Shantanu Basu
REGISTRATION NUMBER: 43,318
REFERENCE/DOCKET NUMBER: 220002060601
TELECOMMUNICATION INFORMATION:
TTELECOMMUNICATION INFORMATION:
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HYPOTHETICAL: N
ANTI-SENSE: YES
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 303/546-1300
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ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MOORTISON & Foerster
STREET: 755 Page Mill Road
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Hiethoff, Douglas M.
TITLE OF INVENTION. METHOD AND PROBES FOR THE IDENTIFICATION
OF MICROBIAL GENES SPECIFICALLY INDUCED I
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TELEPHONE:
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                                                                                                                           RESULT 15
US-09-513-999C-1041/c
                                                                                                                                                                                                                                             US-09-391-861-4 (1-210) x US-09-252-991A-2106 (1-399)
                                                                                                                                                                                                                                                                                                                                                                                                               ; LENGTH: 399
; TYPE: DNA
; ORGANISM: Pseudomonas
US-09-252-991A-2106
                                                                                                                                                                                                                                                                                                         Percent Similarity:
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Pred. No.:
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US-09-194-036B-57
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APPLICANT: MAIC J. RUBENFIELD ACID AND AMINO ACID SEQUENCES RELATING TO TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
        Sequence 1041, Application US/09513999C
PATENT NO. 6781961
GENERAL INFORMATION:
APPLICANT: Dumbs Milne Edwards, J.B.
APPLICANT: Duclert, A.
APPLICANT: Glordano, J.Y.
TITLE OF INVENTION: Expressed Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1998-0
NUMBER OF SEQ ID NOS: 331
SEQ ID NO 2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2106, Application US/09252991A Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (650) 494-0 INFORMATION FOR SEQ ID NO: 57: SEQUENCE CHARACTERISTICS:
CANT: Duclert, A.
CANT: Giordano, J.Y.
OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
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                                                                                                                                                                            318 TCCCCACTCCTGCAGTTCGGGGGC 295
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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1998-07-27
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SOFTWARE: Patent.pm
SEQ ID NO 1041
LENGTH: 444
TYPE: DNA
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FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
                                                                                                                                                                                                                                             PEATURE:
NAME/KEY: misc feature
LOCATION: 293
OTHER INFORMATION: y=c c
FEATURE:
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NAME/KEY: misc_feature

- ^^mTON: 318
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NAME/KEY: misc_feature
PATION: 272
TOW: m=8
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NAME/KEY: misc_feature
LOCATION: 139
OTHER INFORMATION: 8=9
                                               NAME/KEY: misc_feature
LOCATION: 324
                                                                                      LOCATION: 322
OTHER INFORMATION: m=a
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LOCATION: 322
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OTHER INFORMATION: m=a
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OTHER INFORMATION: m=a
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OTHER INFORMATION: s=g FEATURE:
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NAME/KEY: misc_feature
                      FEATURE:
                               OTHER INFORMATION: 8=9
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LOCATION: 309
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NAME/KEY: misc_feature
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LOCATION: 242
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LOCATION: 227
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OTHER INFORMATION: r=a
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OTHER INFORMATION: y=c
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LOCATION: 61
OTHER INFORMATION: Xaa=His or
US-09-513-999C-1041
Search completed: November 28, Job time: 162.382 secs
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LOCATION: 384
OTHER INFORMATION: m=a or c
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NAME/KEY: misc_feature
LOCATION: 402
OTHER INFORMATION: y=c or t
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LOCATION: 30
OTHER INFORMATION: Xaa=Asp
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LOCATION: 33
OTHER INFORMATION: Xaa=Ile
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NAME/KEY: UNSURE
LOCATION: 33
OTHER INFORMATION: Xaa=Ile
FEATURE:
NAME/KEY: UNSURE
LOCATION: 34
OTHER INFORMATION: Xaa=Pro
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OTHER INFORMATION: Xaa=Gly
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LOCATION: 35
OTHER INFORMATION: Xaa=Gly
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NAME/KEY: UNSURE
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LOCATION: 360 -
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NAME/KEY: UNSURE
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